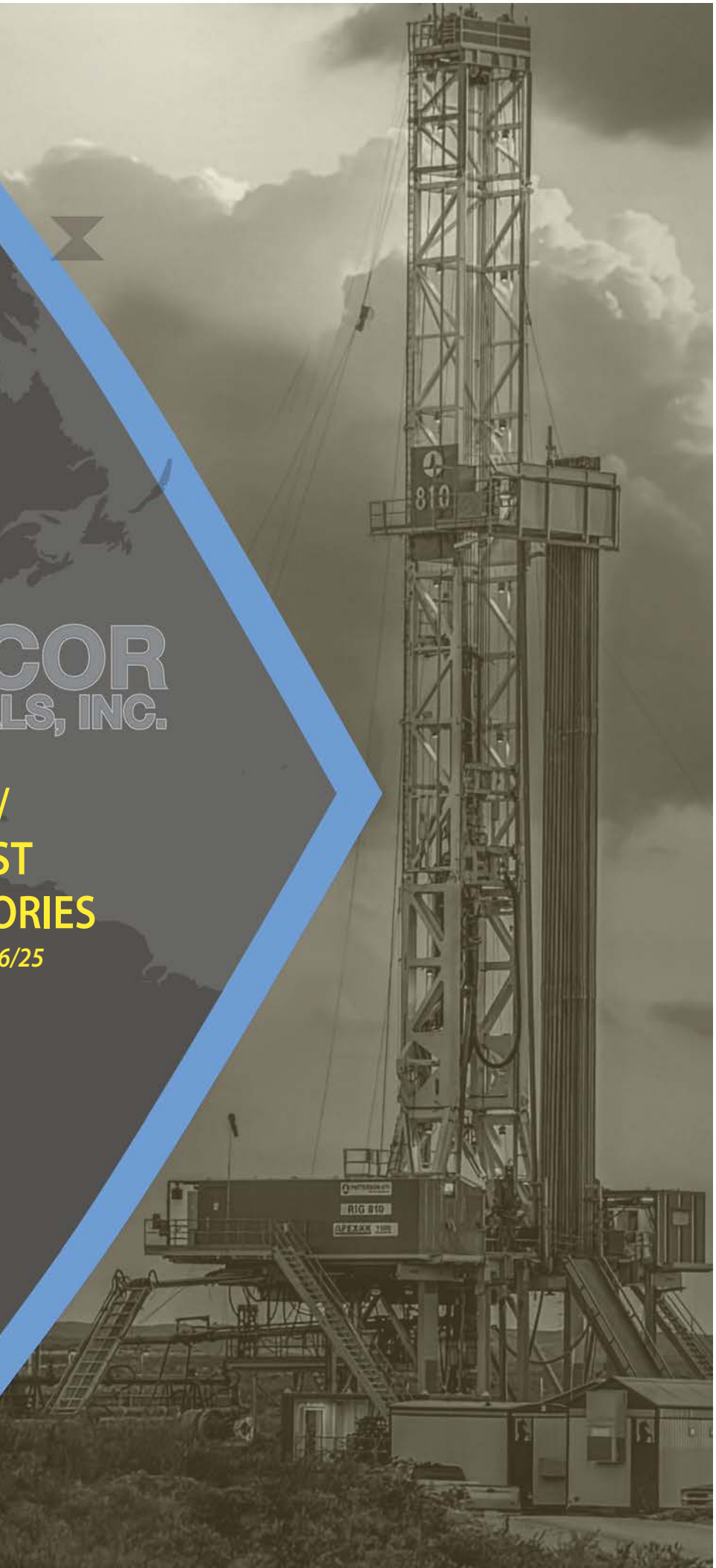




PROCOR
CHEMICALS, INC.

**SOUTH LA /
GULF COAST
CASE HISTORIES**

Revision Date: 08/16/25





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DATE: 08/16/2025

SOUTH LOUISIANA/GULF COAST
CUSTOMER LIST

COMPANY NAME

Apollo Energy
Baywater Operating
Byron Energy
ConocoPhillips
EnCana Oil & Gas
Flex Energy
Goodrich Petroleum
Helis Oil & Gas
Highlander Oil & Gas
Lonquist
Mack Energy
McMoRan Oil & Gas
Midstates Petroleum Robertson
Energy
Rovig Minerals
Shintech LA / Texas United
Brine Square Mile Energy
Wapiti Energy

Gulf Coast/South Louisiana Case Histories

- St. Martin Parish, LA - PRO V+, PRO X, SB SuperCeal

Date: 8/16/25
Operator: Highlander Oil & Gas
Well: Bayou Long 0875 (A0406 #1)
Field: Bayou Long
Parish: St. Martin Parish, LA
Rig: Coastal 22

Challenges:

Operator drilling an offset well 31,000' TVD, depleted sands, loss circulation, HT HP, gas influx.

Solutions/ Product Recommendation:

We initially recommended 25ppb PRO V+, 20ppb PRO X, 5ppb SB SuperCeal. Adjusted sweeps to 20bbl Hi-V is sweeps to 15ppb SB SuperCeal, 1 0ppb PRO V+, and 10ppb PRO X.

Results:

8/15
Drill 12.25" x 14.74" hole from 23,583' to 23,678. Experiencing fluid losses. Returns decreased while pumping sweep @ 23,678. Pull off bottom and reduce pump rate to 150 gpm. Attempting to re-establish circulation. 100bbbls at 40ppb did some good but didn't allow full circulation. Spotted 100bbbls@60ppb almost full returns spotting it. Pooh to inside casing now w perfect displacement no losses at present. We let pill sit then started circulating in casing shoe then stage back in. Going much better now. MWD company couldn't believe we pumped 60ppb through tool.

9/11
At section TD, circulating MW back up to 17.8ppg with no fluid losses so far. Once around, will POCH for wireline log, then prepare to run casing Previous 24 hr ops: Continue drilling ahead at 3-8 ft/hr ROP. Pump 20-25bbl sweep after previous sweep exits hole using same recipe (25ppb PRO V+, 20ppb PRO X, 5ppb SB SuperCeal). Reach section TD (25000) and begin clean up cycle. No fluid loss observed.

Current ops: Circulating 17.8ppg MW around to control gas. Still no losses at this point.

Future ops: Once 17.8ppg MW is around, pump slug and POOH for wireline.

Note:

Operator already had products were on location as contingency minimizing 4-6 hrs of NPT allowing them to immediately start mixing.

- St. Landry Parish, LA

Date: 5/3/24
Operator: Lonquist
Well: TLC No. 64
Field: Washington
Parish: St. Landry Parish, LA
Rig: Nabors X-07

Challenges:

Operator drilling 17.5" hole @ 300' an hour, currently @ 800' going to 2180'. Plan is to log twice make sure all is good to set pipe then POOH to run casing. Thinking they're having a little seepage but after observing they were out drilling the shakers and the solids dumping is taking minimal mud.

Solutions/ Product Recommendation:

PROCOR prepared a product recommendation included Preventative Sweeps along with 10ppb mud company LCM, 5ppb SB SuperCeal and 5 PRO X to TD. Once casing was successfully cemented we started PRO GG gumbo treatment and sweeps for the 12.25" section as planned.

Results:

After successfully reaching section TD at 7150', log well. POOH F/ wiper trip, once back on bottom circulating had some minor seepage. Pumped two 50bbl sweeps at 20ppb consisting of 5 ppb PRO X and 5 ppb SB SuperCeal including 10ppb mud company LCM, all seepage stopped. POOH F/ casing. Casing on bottom and cemented. P/U BHA and trip in hole to 7092' and circulate. Waiting for ME to condition mud due to cement contamination in system. Circulating at report time. Plan ahead is to drill out cement, FIT, then drill to section TD while maintaining 3 ppb SBSC in active system using hourly additions based on ROP. Operator pleased with results. No gumbo or fluid loss concerns at all.

- Iberville Parish, LA

Date: 2/29/24
Operator: Shintech Louisiana/United Brine
Well: Wilbert Minerals Group, LLC #006
Field: Bayou Choctaw
Parish: Iberville Parish, LA
Rig: RFC Drilling 108

Challenges:

Operator drilling ahead @ 1,400' using a 42" hole opener. Needed to strengthen the wellbore and help control fluid loss while drilling the 42" hole size section.

Solutions/ Product Recommendation:

PROCOR recommended treating the active system with 3ppb of SB SuperCeal and mixed preventive sweeps @ 20ppb using 10ppb SB SuperCeal and 10ppb PRO Sweep Aid , pumping sweeps every 200-400' to assist with fluid loss. Also added 5sxs/hr @ 3ppb SB SuperCeal to active system to maintain product concentrations.

Results:

Once at TD, pumped a 60bbl sweep using same mix with hi vis to ensure hole cleaning. POOH after wiper trip for wireline log, log looked good. M/U CRT and ran 30" casing to bottom with no issue, cement job went perfect. Mud was Cadillac, 9.4 filtrate from an 18 when we started treatments.

- Harris County, TX

Date: 2/25/24
Operator: Baywater Operating
Well: SL 118426 JP #1
Field: Wildcat / District 03
Parish: Harris County, TX
Rig: Parker 55B

Challenges:

Wildcat well needing to drill ahead with 16.9ppg drilling fluid. TIH and weighted up to 13.5ppg to resume drilling drill to 8,248' and experienced total losses below the shoe. Several days on losses with little reserves left to keep fluid in hole. 2X mud company LCM pills failed to hold static head. Lost 85 bbls filled the backside with water 72 bbls.

Solutions/Recommendations:

Operator previously pumped 45 bbls of 45 ppb generic LCM's Fiber/CaCO3/Nut plug. Pumped volume of pill with no returns 140 bbls lost chasing pill. Total losses 225 bbls. Pumped second generic LCM pill and spot out the drill string, pumped 169 bbls to spot 2nd LCM pill, 39 bbls water returns, fluid losses at 130bph.

PROCOR recommended 100bbls of our Extreme Fluid Loss Squeeze Products, 30ppb PRO V+ , 30ppb PRO X, 20ppb PRO HG, trip to bit depth for application, pumped pill and pulled up above pill to let soak..

Results:

After initial 48bbls pumped 780psi needing 1400psi. Had over half pill volume left to finish squeeze. we were on final hold and bumped up the squeeze one more time. Top end was around 980 and bleeds down to 650. We were hoping while holding pressure we would gain integrity to get it up around the desired psi our final pump. We had a good bit of product where it needed to be and away from the wellbore, holding pressure helping the plug set up. Net result was well holding ~400 psi. This enabled them to drill ahead to TD section, at reduced mud weight.

Calcasieu Parish, LA

Date: 2/3/23
Operator: Wagner Oil Louisiana
Well: Open A-1 Ranch No. 1
Field: Manchester, Southwest
Parish: Calcasieu Parish, LA
Rig: Big E Drilling 5

Challenges:

Operator was unable to drill ahead due to unacceptable FIT test. Goal was to squeeze formation to increase formation integrity and obtain good test.

Solutions/Recommendations:

Recommended pumping 80bbbls at 90 ppb. We actually pumped 70 bbls at 62.5 ppb due to mixing before arrival. Mixed PRO V+ at 17.5ppb and PRO X at 45ppb.

Results:

Spotted pill at 2,939' and POOH T/ 2200'. Begin squeeze procedure using cement unit as pump per Company Man decision. Maximum pressure achieved and held for two hour wait period with no fluid loss observed. Max pressure of 509 psi seen with pressure held at 420 psi or above for entire two hour period. Decision made to open well and POOH for clean out and cement assembly, POOH at report time. Pill achieved above desired pressure and held at or above desired pressure for two hours.

Note: Adding gel to a highly weighted LCM pill before LCM makes mixing difficult and is mixed is not recommended.