



**PROCOR**  
CHEMICALS, INC.

## **CAVERN STORAGE WELL CASE HISTORIES**

*Revision Date: 02/19/26*





# PROCOR CHEMICALS, INC.

**DATE:** 2/19/26

**CAVERN STORAGE WELL  
CUSTOMER LIST**

## COMPANY NAME

Lonquist & Company  
Texas United  
Tiberius Energy Services

## ***Cavern Storage Well Case Histories:***

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### ***Matagorda County, TX – PRO V+, PRO X***

**Date:** 2/19/26  
**Operator:** Texas United Brine  
**Well:** H. Smith #1  
**Field:** Markham  
**County:** Matagorda County, Texas  
**Rig:** RFC 108

#### **Challenges:**

The operator attempted to test the 30" casing shoe to 100 psi but pressured up to 800 psi and broke down the casing shoe.

#### **Solutions/ Products Recommended**

Application(s) (competitors or other preventative product being used) The operator spotted and squeezed a 30 ppb walnut pill and pressured up to a maximum of 50psi but the pressure did not hold. Mixed 70bbls of PRO V+ and PRO X @ 80 ppb (52ppb PV+, 28ppb PX) pill was spotted at the casing shoe at 1574'. The bit was pulled above the pill, we broke circulation and allowed the pill to heal for an hour. We began the squeeze pumping at 1.1 bpm down the drill pipe and the backside 20 psi increments or 5 bbls, whichever came first. We staged up the pressure to a maximum of 104 psi with a total of 12.5 bbls squeezed. The pressure was held for one hour with the pressure dropping to 90 psi, so the customer called it good and we tripped to the shoe to circulate out and return to drilling.

#### **Results:**

We had trouble with mixing equipment on the older rig. The jet on the hopper was washed out and would not take product recommended for the pill and the agitator in the slugging tank did not stir the product adequately, so we had to cut the product addition early, since we could not get anymore product down the hopper. We achieved the desired squeeze pressure and the operator was able to resume drilling.

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### ***St. Landry Parish, LA - PRO SweepAid, SB SuperCeal***

**Date:** 1/17/25  
**Operator:** Tiberius Energy Services  
**Well:** Bobcat Gas Storage Obs #004  
**Field:** Port Barre 7519  
**County:** St. Landry Parish, LA  
**Rig:** Big E #5

#### **Challenges:**

Goal is to help control API fluid loss and loss of returns to formation due to large hole diameter and possible large fractures.

#### **Solutions/ Products Recommended**

Recommended 5 ppb of SBSC and 10 ppb PRO SweepAid in active system. 5 ppb 200 sacks SBSC and 10 ppb 400 sacks PRO SweepAid in active system. Products mixed into active system pits through hopper, then pumped using rig pumps.

#### **Results:**

No problems encountered during this mixing procedure and no issues pumping products through tools or bit. After treatment, no fluid loss seen at any point during final drilling operations. Procedure went as planned and rig was able to drill to TD with minimal/no concerns with fluid loss.

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**Calcasieu Parish, LA - PRO SweepAid, SB Superceal**

**Date:** 9/5/24  
**Operator:** Lonquist & Co. / Westlake US 2  
**Well:** Westlake Starks Dome Monitor Well 001  
**Field:** Starks  
**Parish:** Calcasieu Parish, LA  
**Rig:** Nabors X07

**Challenges:**

Operator experiencing fluid losses @ 100-300bph for 2 days, dry drilling 400' and planned to dry drill another 250' of pilot hole.

**Solutions/ Product Recommendation:**

PROCOR recommended running 30ppb preventative sweeps 10ppb PRO X, 10ppb PRO V+, 5ppb PRO Sweep Aid and 5ppb SB SuperCeal and keeping system treated with 10ppb PSA, SBSC. Ordered products to be prepared for opening hole.

**Results:**

Drilling ahead, no fluid losses, pumping 30ppb sweeps, maintaining system treatments as recommended with 10ppb (5SA,5SB)

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**St. Landry Parish, LA – SB SuperCeal, PRO X**

**Date:** 5/3/24  
**Operator:** Lonquist  
**Well:** TLC No. 64  
**Field:** Washington  
**Parish:** St. Landry Parish, LA  
**Rig:** Nabors X07

**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. All seepage stopped. POOH F/ casing. Casing on bottom and cemented. P/U BHA and trip in hole to 7092' and circulate. Circulated our Cement Contamination prior to RBH.

Drill out cement, FIT(Success), 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. Successful FIT, No losses or gumbo attacks. Note\* All prior wells on this location have sidetracked due to losses.

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***- Iberville Parish, LA - SB SuperCeal, PRO Sweep Aid***

**Date:** 3/25/24  
**Operator:** Texas Brine LLC  
**Well:** Wilbert #8  
**Field:** White Castle  
**Parish:** Iberville Parish, LA  
**Rig:** RFC #108

**Challenges**

Operators goal was to enhance Wellbore Stability by controlling API fluid loss to formation due to large hole diameter drilling storage well.

**Solutions/ Product Recommendation:**

PROCOR recommended pre-treating fluid with preventative products , 3 ppb of SB SuperCeal in active system, also 20ppb sweeps as needed using SBSC and PRO SweepAid at 10ppb each adding 5 sacks hourly for maintenance, 20ppb sweeps as needed.

**Results:**

After initial treatment, fluid loss came down. Once we figured product additions were not being run correctly , corrected and fluid loss came way down. Procedure went as planned and rig was able to drill to TD with minimal concerns with fluid loss. Operator commented, much improvement over their last well.

**Additional Notes**

We also pumped a couple of 50 bbl sweeps at 20 ppb to knock out a little seepage after the wiper trip. The sweeps contained 5 ppb of SB SuperCeal and 5 ppb PRO X along with 10 ppb of mud company LCM. Products mixed into active system pits through hopper, then pumped using rig pumps. No problems mixing sweeps through hopper into slugging pit and no issues pumping products through tools or bit.

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***Iberville Parish, LA - SB SuperCeal, PRO Sweep Aid***

**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.

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**Iberville Parish, LA - SB SuperCeal, PRO Sweep Aid**

**Date:** 11/16/23  
**Operator:** Shintech Louisiana / Texas United Brine  
**Well:** Wilbert Brine #7  
**Field:** White Castle  
**Parish:** Iberville Parish, LA  
**Rig:** RFC #108

**Challenges**

PROCOR prepared a preventative sweep products recommendation and contingency squeeze application

**Solutions/ Product Recommendation:**

PROCOR recommended treating the active system with 3ppb SB SuperCeal and 10ppb PRO Sweep Aid pumping sweeps every 200- 300' to assist with fluid loss.

**Results:**

Waiting on standby to assist, reviewing mud reports to keep an eye on fluid properties.