

**GW-19**

**LEONARD No. 2**

## **Loco Hills GSF**

JB Smith  
575.626.1719

Mitch Johnson, Managing Partner  
158 Deer Creek Drive  
Aledo, TX, 76008

State minerals lease BL-635

### **• Leonard State #1**

API 30-015-06192

ULSTR L-22-17S-29E

Completed 5/1/52 w/ TD of 658 ft by Sacra Brothers Co.. Top of salt 350 ft bgs. Casing shoe 439 w/ 7" casing in 8-5/8" bore

Change ownership from Sacra Brothers to Arrow Gas Co. on 12/7/59

Change ownership from Columbia Propane, LP to AmerGas Eagle Propane, LP on 8/21/01

Change ownership from AmeriGas Eagle Propane LP to Loco Hills GSF Ltd. on 7/15/02

Remove and replace tubing on 1/16/03

Open hole nitrogen test on 1/24/03

NOI to P&A if MIT fails filed on 6/14/03

March 2004 Set CIBP at 517', spotted cement on top of plug, run 4" to 514', circulate cement between 4" and 5.5" (where did that come from), drilled out bridge plug and ran 2-3/8" tubing to 630'.

Last sonar log 6/3/09 w/ cavern volume of 77,436 bbls

### **• Leonard State #2**

API 30-015-06193

Completed 10/23/52 w/ TD of 663 by Sacra Brothers Co. Top of salt 260 ft bgs. Casing shoe 507 w/ 7" casing in 8-5/8" bore. 8-5/8" surface casing set at 130'

Change ownership from Sacra Brothers to Arrow Gas Co. on 12/7/59

Change ownership from Columbia Propane, LP to AmerGas Eagle Propane, LP on 8/21/01

Change ownership from AmeriGas Eagle Propane LP to Loco Hills GSF Ltd. on 7/15/02

NOI on 2/9/05 to pull tubing, sonar, and CBL on 5.5" (again, where did that come from?)

Ran sonar on 6/29/05

Last sonar 3/29/10 w/ cavern volume 135.864 bbls.

### **• Leonard State #3**

API 30-015-06194

Completed 10/31/53 w/ TD of 680 ft by Sacra Brothers Co. Top of salt 265 ft bgs. Casing shoe 506 w/ 7" casing in 8-5/8" bore. 8-5/8" surface casing set at 131'.

Change ownership from Sacra Brothers to Arrow Gas Co. on 12/7/59

Change ownership from Columbia Propane, LP to AmerGas Eagle Propane, LP on 8/21/01

Change ownership from AmeriGas Eagle Propane LP to Loco Hills GSF Ltd. on 7/15/02

Ran sonar on 2/15/06 w/ cavern volume of 125,731 bbls

Last sonar 6/22/10 w/ cavern volume of 129,353 bbls (3% increase in 4 years)

Run borehole imaging/caliper log on 6/22/10 and find bottom 90 ft of 5.5" casing is gone (starting 390 to 410 ft.).

Run Gamma, CCL, CBL log on 6/23/10