

WELL ANALYSIS

In late October, 1972 the Charles S. Alves #1 started producing 100% water. A bridge plug was set at 9900' and the casing pressure tested to indicate leaks in the interval 4300'-4420'. A casing inspection log was run and it indicated sufficient damaged casing to warrant pulling and replacing the damaged joints in lieu of attempting to squeeze cement the casing leaks. A workover was initiated to cut off the 4-1/2" casing at 5285', pull and replace the damaged joints. After cutting off the 4-1/2" casing and attempting to pull it, the 4-1/2" pulled through the elevators and was dropped. After picking up on 4-1/2" casing, it was determined the 4-1/2" casing was then stuck at 2860'. The 4-1/2" casing was backed off at 2829' and 51 joints were pulled. In attempting to wash over the 4-1/2" casing it was determined the wash pipe was outside the 8-5/8" intermediate casing. Attempts to get back inside the 4-1/2" casing with tubing and to wash over the 4-1/2" casing were unsuccessful. After the expenditure of \$24,000 the workover operations were shut down.

