

Battles No. 1 (cont.)
Plug and Abandon

8-7-89 (cont.)
circulation. Worked casing one hour. Could get no movement. Shut down to get casing jacks.

8-8-89
Installed hydraulic jacks. Pulled to 305,000#. No help. Made jet cut at 5200'. Casing was free.

8-9-89
Laid down 153 joints (5254.00') of 5 1/2" casing. Ran open ended tubing. Entered 5 1/2" casing at 5200' and went to 6550'. Spotted 25 sacks cement. Pulled to 5250' and spotted 35 sacks cement. Shut down for night.

8-10-89
Tagged plug at 5143'. Pulled to 3210' and spotted 45 sacks cement. Waiting on cement. Did not find top of plug. Spotted 50 sacks cement at 3210'. Shut down for night.

8-11-89
Did not find plug. Spotted 150 sacks cement at 3210'. Waiting on cement. Did not find plug. Shut down for weekend.

8-12-89 Thru 8-13-89
Shut down for weekend.

8-14-89
Ran CIBP. Could not get below 3004'. Called Commission office. Set plug at 3004' depth. Spotted 15 sacks cement at 3000' on top of bridge plug. Spotted 35 sacks cement at 2100' through tubing. Cut 8 5/8" casing at 402' depth. Could not pull with 150,000#. Cut 8 5/8" casing at 149' depth. Pulled and laid down 4 joints 8 5/8" casing (150.81'). Spotted 70 sacks cement at 465'. Waiting on cement. Shut down for night.

8-15-89
Tagged top of cement at 237'. Pulled to 200' and spotted 150 sacks cement to surface. Cut off head and capped with steel plate. Installed dry hole marker. Rigged down Pool Well Service plugging rig.