B. W. Musser Well No. 8
Notice to Plug and Abandon Well April 12, 1954

As noted on our Sundry Reports and Notice of March 24, 1954, we were given permission to attempt completion in different zones in the subject well. Following is a resume of work done since that time.

Killed well by pumping mud down into tubing and out of casing. Rigged up Wichtex workover equipment and went in hole with bit. Drilled out plug and 2874' and cleaned out to 3250'. At this depth, a 106 sack cement plug was placed. After letting cement set, went in with bit and found top of plug at 3021'. Drilled out cement to 3040' or 19' of cement. Pulled out of hole and put on 9" Baker model D hydraulic scraper and reamed out hole to 3040'.

Recompletion test #1: Sand 3020'-3040', open hole from 2912'-3040', tool open 9 hours, gas to surface in 1 hour and then died. Swabbed 8½ hours and recovered a total of 49½ barrels of fresh water. Pulled tool and came out of hole.

Picked up Howco squeeze packer, set same at 2784' and squeezed perforations from 2805'-2830' with 50 sacks of cement with maximum pressure of 1100 psi. Ran Lane-Wells dualized logging instrument. Pulled radioactivity log instrument and ran back in hole with Lane Wells gun and shot 2.6 holes per foot from 2224'-2244'.

Recompletion test #2: Perforations 2224'-2244', tool open 3 hours 30 minutes with good opening blow, dead in 15 minutes. Swabbed the remaining 3 hours 15 minutes and recovered 6.6 barrels of fresh water per hour. Pulled tool out of hole, went back in with Lane Wells gun and perforated interval from 2315'-2321', 2329'-2336' and 2342'-2350' with 2.6 holes per foot.

Recompletion test #3: Sands perforated 2315'-2321', 2329'-2336', 2342'-2350', tool open 5 hours, good opening puff, dead in 25 minutes. Rigged up and started swabbing. Recovered 6 barrels of fresh water per hour. Pulled tool out of hole, went back in with Lane Wells gun and perforated interval from 2405'-2415' with 2.6 holes per foot.

Recompletion test #4: Sand 2405'-2415', tool open 2 hours 50 minutes, weak opening puff, dying in 2 minutes. Began swabbing well. Recovered no fluid (water or oil) and no shows of gas. Pulled tool out of hole, went back in with Lane Wells gun and perforated interval from 2575'-2585' with 2.6 holes per foot.

Recompletion test #5: Sand 2575'-2585', tool open 5 hours 40 minutes, very faint blow, dying in 1 minute. Rigged up to swab. Swabbing indicated no fluid recovery and no shows of gas. Pulled tool out of hole and went back in with Lane Wells gun and perforated interval from 2702'-2712' with 2.6 holes per foot.

Recompletion test #6: Sand 2702'-2712', very faint opening blow, dead in 1 minutes. Started swabbing and recovered no fluid. Primed tubing with water and swabbing recovered priming fluid and then no recovery was obtained. Pulled test tool and went back in hole with 4-3/4" bit, found top of cement plug at 2774', drilled out cement to 2811'. Went in hole with test tool to test original producing perforations from 2805'-2830, which had been squeezed off with cement as indicated above.

Recompletion test #7: Sand 2805'-2830', cement plug from 2811' down, tool open 10 hours, good initial blow, gas in 3 minutes, mud in 4 minutes, well began making brackish water. Well made 54 gallons of water in 10 minutes and then killed itself by loading up. Swabbed during remainder of test and swabbed 15 54-gallons drums of salt water in two hours. Equalized mud and shut well in, pending approval to plug and abandon.