Cities Service Oil Company State "Q" well No. 1, NW SW Section 36-23S-36E Langlie-Mattix pool was recompleted as a gas well through casing perforations as follows:

On November 19, 1952 tubing was pulled and casing head removed; on November 20, 1952 a Halliburton retainer was run into the well and set at 3030' and well perforated from 3015' to 3000' w/30-1/2" holes, perforated 2980 to 2960' w/40-1/2" holes and from 2930-2915' w/30-1/2" holes. After being shut in 24 hrs, the well had built up 425# pressure and when opened tested 76 MCF of gas.

On November 26, 1952, tubing was rerun in the well with a straddle packer and each perforated zone from (3000 to 3015), (2960 to 2980) and (2915 to 2930) hydrafraced seperately with a two batch 1500 gallon hydrafrac treatment. Straddle packer was then pulled, tubing rerun and casing head set and well swabbed in.

After cleaning up the well was shut in and tested on December 1, 1952 as follows:

Choke Size	FTP #	Gas Volume MCF/day	Fluid Prod. Rate
30/64	550	3431	Fine spray of kerosene & water
48/64	308	4056	" " "
2" open flow	20	4492	" " "

2 hr shut-in pressure was 980#.