



HARVEY E. YATES

DRILLING AND PRODUCTION

CARPER BUILDING

ARTESIA, NEW MEXICO - 88210

DOWNHOLE PRODUCTION EQUIPMENT

Installed permanent WA Otis packer @ 11,250', set by Welex w/tubing plug in place. Tested w/Halliburton to 5,000 psi.

Set second permanent Otis WA packer @ 10,476' w/Welex. Pressure test 3,000⁺ psi.

Ran long string, pressure test tubing 7,000⁺ by Coleman testers. The long string has the following equipment:
1-1/2" Muleshoe; 1-1/2" N Nipple on bottom; 10' Seal Assembly;
J Slot Seal w/N Nipple; SSD Sliding Sleeve; RDH Dual Packer (pressure test 2,000⁺ psi for 20 minutes by Halliburton)

Short string installed w/J Nipple and Tubing latched in.
J Latch assembly; perforated nipple and seating nipple.

The long string is installed to flow either zone selectivity.