contained clear to translucent, medium to coarse, sub-angular, well-cemented, quartz sandstone and some loose sand. Another break occurred from 11,338' to 11,344' and circulated samples contained clear, medium to coarse, sub-angular, quartz sand. Drilling time opposite these breaks averaged no less than six minutes or more per foot. No significant increase in gas was noted and drilling was continued. Two four-foot breaks were encountered from 11,268' to 11,272' and from 11,336' to 11,340'. The hole was circulated out for a drill stem test at 11,346'.

> DST No. 2 11,167-346', open 122", 30" pre-flow - tool opened with a very strong blow, gas to the surface in 5". After 10" flow rate was 4,138,000 through a 1/4" choke with 2800# FTP. Shut-in for 1'. Re-opened tool with very strong blow. Flowed for 30" on 1/4" choke at rate of 3.6 MM with 2450# FTP. Opened choke to 3/8" and well flowed 8.38 MM with 2450# FP. Tool joint on flow line parted. Re-paired flow line and reduced to 1/4" choke for remainder of flow test. Flowed 3.6 MM with 2450#. Reversed out 90' DM.
>
> Sample chamber: R/5.786 CFG and no fluid under 3000 psi.
>
> IHP 5811#, 30" pre-flow: 3601-4011#, 60" ISIP 4080#, 92" flow: 3715-3943#, 185" FSIP 4080#, FHP 5765#, BHT 168° F

Drilling was resumed and a good break occurred in a medium to coarse sand at 11,350' to 11,354'. No other significant breaks, gas shows, or sands were observed to the total depth at 11,675'. The Lower Morrow Unit (M_4) contained only a few thin sandstones that are probably impermeable.

Driller's total depth was 11,675', but a pipe strap at total depth measured 11,687' which agreed with the Dresser Atlas wireline depth.

Dresser Atlas conducted a BHC-Acoustilog with gamma ray survey and a laterolog survey in open hole from the surface to 5404' before the intermediate pipe was set. A Densilog-Neutron with gamma ray and caliper and laterolog surveys were then run from 5404' to the total logger's depth of 11,687'. Logging operations were completed at 6:00 a.m., September 9, 1975.