

J. M. HUBER CORPORATION DAILY WELL REPORT
 District Denver

Deal No. 31-N-222-B
 State New Mexico

Well #16-1 Jicarilla-Apache County Rio Arriba
 Location SE NW Section 16-28N-2W (1830' FNL, 1670' FWL)
 Operator Huber Contractor Loffland Brothers Co.
 Remarks 8500-foot Morrison test. (WC)

Huber WI 3/8

Date	Depth	Report
2-13-74		Moved in compl rig & rigged up. Unloaded tubing - installed tbg spool. Picked up 3900' tbg. Picking up tbg.
2-14-74		Finished picking up tbg. Found bottom at 8340'. Swbd down to 1800'. Started out of hole - rig broke down. Repairing rig.
2-15-74		Repaired unit. Pulled tbg out. Installed BOP. Logged from TD-3400'. Prep to perf 8215-21.
2-16-74		Perf 8215-21 w/1 pf. Ran tubing & set pkr at 8170'. Swbd down, swbd dry, wtd 30 mins, ran swb, no fluid.
2-17-74		SD, wtg on condensate.
2-18-74		Ran swb, rec 200' of filtrate wtr, gelled frac wtr & displaced KCl wtr w/super-emulsion frac fluid. Tested csg to 5000#. Pulled tbg. Started frac. Displaced 5500# of 40-60 sd, when 20-40 sd hit, press. incr to 5000#. SI w/4500# on csg. This a.m., press. 1600#. Bled press. dwn; will run tbg, wash out sd & swb test.
2-19-74		Ran tbg. Circ sd out - found 150' @ 3000', 75' at 8200'. Circd hole clean. Coming out of hole w/tbg to pick up packer & go back in & swb.
2-20-74		Pulled out of hole, picked up pkr, went back in w/tbg; rig broke down @ 3000'. Repairing rig.
2-21-74		Ran tbg w/pkr. Set pkr above perfs. Swbd load from tbg. Swbg from 7500' Rec 2 bbls of frac fluid per hr w/vy sli sho of gas ahead of swb. Prep to pull tbg. Set bridge plug above perfs and perf & test upper Dakota.