

J. M. HUBER CORPORATION DAILY WELL REPORT
 District Denver

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

Well #16-1 Mearilla-Anache County Rio Arriba
 Location SE NW Section 16-28N-2W (1830' FNL, 1670' FWL)
 Operator Huber Contractor Loffland Brothers Co. Huber WI 3/8
 Remarks 8500-foot Morrison test. (WC)

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.
2-22-74		Pulled out of hole. Ran junk basket to 8200'. Ran Baker Cast Iron Bridge Plug set at 8202'. Perf 8118, 8120, 8122, 8136, 8137, 8138, 8141, 8143, 8144, 8149, 8151, 8152, 8155' w/1 pf. Ran tbg. in hole to test bridge plug & circd out water. SD. Prep to frac.
2-23-74		Hauling frac wtr.
2-24-74		Frac perfs 8118-8155' w/Howco's Super-Emulsifrac as follows: Preflush 5000 gals; breakdown 1000 gals; pad 600 gals; treatment 34,650 gal displace 5,300 gals; 100 mesh sd, 10,000# @ 1/2-1-1-1/2#/gal; 40-60 sd, 17,000# @ 1#/gal; breakdown press 2000#, max treat. press 5000#, avg treat. press 4,850#, ISIP 3,400#, 15 min SIP 2,700#, treat. rate 15.6 BPM. Total fluid volume for frac is 47,550 gals.

