

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' ENL, 1670' FWL)
Operator Huber Contractor Loffland Brothers Co. Huber WI 3/8
Remarks 8500-foot Morrison test (WC)

Date	Depth	Report
5-6-74		16 hrs SITP 550#, SICP 1900#. Blew condensate to pit, water followed. Turned thru production unit. WTP 250#, WCP 600#. Gas volume 320 mcf. Gas volume fell to 47 mcf in 10 mins due to more frac fluid coming into well bore. Will continue cleaning up well.
5-7-74		SION, SITP 400#, SICP 1450#. Opened tbg. No fluid to surface. Will leave shut-in a few hours. Waiting on swabbing unit.
5-8-74		SITP 700#, SICP 1900#, flowed frac fluid 1 hr, 20 mins thru tbg. Recd 40 bbls, CP fell to 375#. SI. Waiting on swab unit to clean up well.
5-16-74		7 days SITP 2550#, SICP 2500#. Flowed frac fluid 5 1/2 hrs until well died. CP blew down to 340#. Recovered condensate and water. Chloride content of water is 6,988 milligrams per liter.
5-17-74		SITP 825#, SICP 1550#. Flowed frac fluid 3 hrs, well died.
5-20-74		Well SI 72 hrs. SITP 2200#, SICP 2320#. Blew tbg 1 1/2 hrs, recovered 10 bbls frac fluid. Tested 4 hrs thru 1/8" choke. Gas volume 142 mcf. WTP 410#, WCP 1160#. Flowing pressures were stabilized, recovering 2 bbls frac fluid per hr. Well shut-in overnight.
5-21-74		17 hrs SITP 1250#, SICP 1700#. Blew well 5 hrs, recovered 11 bbls frac fluid. Gas volume 160 mcf per day. Stabilized WTP 300#, WCP 1050#. SI overnight.
6-19-74		Ran BHP bomb. Dakota formation was SI 29 days. Pressure measured 3283 psi. Reservoir temperature 218°.
6-20-74		Blew well, pumped gas sample from Dakota sand. Sample sent to core lab for analysis.
6-21-74		Blew well down. Rigged up Big Well Service. Prep to complete well in the Pictured Cliffs. Ran swab twice from the Dakota sand. No fluid in tubing. No fluid recovery. The 3rd run was swabbed from bottom. Recovered 4 gallons wtr. The 4th and 5th runs were dry. Then circulated hole with 2% calcium chloride wtr. Pulled 74 jts of 2" tbg.
6-22-74		Finished pulling tbg out of hole. Set Baker cast iron bridge plug @ 8040'. Perfd 2 1/2" hole and 4 1/2" csg @ 3610'. Set cement retainer @ 3580'. Circulated a blow of gas, then well quit blowing. Cemented w/151 sx Class "A" cement w/2% calcium chloride. After 7 bbls of displacement, water was circulated from the Bradenhead.