

State Vermont County Chittenden Township Colchester  
 Well Operator Vt. Nat Gas & Min. Well Name Hazlett #1 (Gregoire #2)

<u>Sample Depths</u>	<u>Sample Descriptions (Type, color, texture, etc.)</u>
120'	Dolostone, white to light pink, partly xtalline, tr. rock fragments 5% lge. sand grains, quartz, clear, angular fragments
186	Dolostone, as above, scattered pyrite in dolostone, 40% sand, Quartz, lge. grains, frosted to clear, angular to rounded
196	as above, 10% sand
210	" "
231	Dolostone, pink, sandy, finer grained than above, xtalls-orange tint
250	as above
250-275	Dolostone, wht. to pink, xtalline, 5% sand as above
295-310	Dolostone as above, tr. sand
325	Dolostone, pink to orange, sandy, finer grained
335	Dolostone, white to pink, xtalline, 5% sand as above
348	Dolostone as above, tr. pyrite, no sand
348-365	as above
365-379	Dolostone, white to buff, banded, slightly sandy
379-388	Dolostone, white to pink, sandy texture, fine sand, tr. pyrite
388-395	as above, less sand
395-404	Dolostone, pink, orange, buff, very silty, tr. fossil (?) algae or stem
404-407	Dolostone, white to pink, low sand content, tr. pyrite
407-412	as above
412-416	" " , getting whiter
416-421	" "
421-423	" "
423-465	Sample Gap, seemingly correlating to thrust fault surface!
465	Shale, black, calcareous, slightly fissile, 5% wht. calcite vein filling
468	as above
470	" "
470-579	" " , Note: this interval represents many sample bags.
576-614	Shale as above, tr. slickensides
614-682	" " " , becoming more fissile
682-694	Sample Gap
694-720	Shale, black, calcareous, slightly fissile, 5% wht. calcite
720-775	as above
775-863	" " , tr. wht. calcite
863-967	" " , 10% " "
967-995	" " , wht. calcite decreasing
995-1055	" " , " " increasing
1055-1072	" " , " " almost absent
1072-1113	" " , 2% to 5% wht. calcite
1113-1128	" " , influx of shale, dk. gray, slightly calcareous
1128-1178	70% shale, dk. gray, silty, non-calcareous, 30% shale, blk. as above
1178-1220	Shale, dk. gray as above, tr. white calcite
1220-1224	Sample Gap
1224-1236	Shale, dk. gray to black, non-calcareous, 30% dolomite, lt. gray, sandy
1224-1250	Shales, interbedded, part slightly calcareous, part non-calc. not fissile
1250-1271	as above
1271-1284	" " , possible dolomitic component?
1284-1295	Shales, interbedded, very black, mostly non-calcareous
1295-1317	" " , Slightly to moderately calcareous, tr. wht. calcite vein fill
1317-1395	as above, Note: this interval represents 3 sample bags.
1395-1455	Sample Gap
1455-1480	Shales, interbedded, mostly non-calcareous, some moderately calc. some calcareous
1480-1551	as above, Note: this interval represents 3 sample bags.
1551-1566	" " , 5% wht. calcite vein fill
1566-1584	" "
1584-1602	" " , lots of veins in the shale
1602-1624	" " , 10% shale, dk. gray, calcareous
1624-1641	" " , variable carbonate content, mostly low
1641-1720	as above, Note: this interval represents 4 sample bags.
1720-1742	Shale, black, non-calcareous, tr. wht. calcite
1742-1775	as above, Note: this interval represents 2 sample bags.
1775- (?)	No more samples on file.