C278

20-5S-97W

P1/B Getty 5-20

Generalized Core Description

Getty Core Hole No. 5
Garfield County, Colo.

Section 29 T-5-S R-97-W
1899' from south line
1214 ' from east line

Ground elevation
8093'

Drill 0 to 230'
Core 230' to 644' TD.

Date commenced: September 25, 1963
Date completed: October 3, 1963

230	- 236.5	Gray silty shale to siltstone.
236.5	- 248.4	Horizontal laminated tan and brown marlstone.
248.4	- 249	Gray siltstone.
249	- 270	Horizontal laminated tan and brown marlstone, asphalt and fossils on bedding planes, calcite? stringers, vertical fracture, fracture filled w/ calcite?
270	- 278.4	Tan marlstone, wavy banded.
278.4	- 279	Brown tuff (sandy appearance).
279	- 282	Tan marlstone.
282	- 286.1	Brown marlstone w/ zones of dark brown, solid.
286.1	- 291	Tan marlstone.
291	- 320	Broken marlstone, vertical fracture, calcite? stringer at 296, broken.
320	- 340	Dark brown marlstone, 2" stringers calcite? at 336 & 339.
340	- 350	Brown to dark brown marlstone, vertical fracture.
350	- 355.5	Gray siltstone or very fine grain sandstone.
355.5	- 367	Dark brown marlstone w/ scattered streaks of calcite?
367	- 419	Gray siltstone w/ oblique bedding, difficut to core because of blocking barrel, brown marlstone 394 - 394.8.
419	- 430	Gray with tan marlstone, silty, oblique bedding, vuggy 423.5 to 424.
430	- 434.7	Brown to tan marlstone, streaks white oolites.
434.7	- 435	Brown tuff.
435	- 456.6	Brown and tan marlstone, calcite? bands through out, solid.
456.6	- 456.7	Brown tuff.
456.7	- 462.9	Brown marlstone, solid.
462.9	- 463	Brown tuff.
463	- 476	Brown marlstone, calcite? disseminated throuh core.
476	- 482	Gray siltstone.
482	- 522.1	Brown to dark brown marlstone (black zones).
522.1	- 523	Black marlstone.
523	- 534	Horizontal banded white to tan marlstone.
534	- 538	Brown to tan marlstone.
538	- 538.1	White to brown tuff.
538.1	- 541	Horizontal banded gray and tan marlstone.
541	- 541.2	Gray to white tuff w/ white minerals.
541.2	- 541.5	Navy banded marlstone (shaly).
541.5	- 542	Gray tuff (sandy appearance).
542	- 544	Brown marlstone.
544	- 545.4	Black marlstone.
545.4	- 553.2	Brown marlstone.
553.2	- 553.6	Brown tuff (sandy appearance)
553.6	- 556.8	Brown marlstone.
556.8	- 557.5	Black marlstone.
557.5	- 561.9	Brown marlstone.
561.9	- 562	Marlstone & tuff.

8093
Mahogany marker 542
plus 7551

562	- 563	Black marlstone.
563	- 566.3	Brown and black marlstone.
566.3	- 601	Brown marlstone w/ black zones, 1" calcite? bands at 571.6 & 579.7.
601	- 611	Tan marlstone.
611	- 620.3	Brown marlstone w/ black zones, vertical fracture.
620.3	- 624.2	Tan and cream marlstone.
624.2	- 626.5	Brown tuff w/ wavy bands of brown marlstone.
626.5	- 634	Brown marlstone w/ 3 stringers ($\frac{1}{2}$") of brown tuff.
634	- 644	Cream silty marlstone to horizontal banded cream and tan marlstone, Tuff or sandstone at 639 & 641.

Total depth 644'.