

LITHOLOGICAL SUMMARY: cont.

- 6237-6280 feet. 60% shale: brown carbonaceous silty, pyritic in part trace of sandstone: loose quartz, coarse subrounded to subangular, 40% marl and shale cavings.
- 6280-6380 feet. Interbedded shale and sandstone 70% shale as above. Sandstone: light grey, fine to very fine, subrounded to subangular, fairly well sorted with carbonaceous grains and clay matrix. Porosity poor. Permeability poor. Streaks of coarse pebble quartz grains, trace sandstone: light grey, fine to medium subrounded to subangular fair to poor porosity and permeability.
- 6380-6390 feet. Sandstone: 60% loose, coarse quartz, subrounded to subangular fairly well sorted. Shale 40% brown as above.
- 6390-6400 feet. Sandstone as above (40%). Coal (40%). Shale as above (20%). Coal is black, thin streak, gas increased from 8 to 12.
- 6400-6442 feet. Core No. 9. Cut 22 feet. Rec. 13½ feet.
(Two Runs with wire line core barrel).
- 6420-6421 feet. Sandstone: light grey to brown, very fine subrounded to subangular, moderately well sorted scattered grains of carbonaceous shale, white clay matrix, numerous shale laminae poor porosity.
- 6421-6421 feet 3 inches.
Dolomite, brown fine grain hard.
- 6421 feet 3 inches-6422 feet 6 inches.
Sandstone as above.
- 6422 feet 6 inches-6429 feet.
(No recovery on first Run).
- 6429-6431 feet 6 inches.
Shale, mottled dark grey to brown, micaceous, pyritic, numerous coal grains, thin lenses of fine sand, occasionally thin siltstone laminae.
- 6431 feet 6 inches - 6432 feet.
Sandstone, as above, but porosity improves to 25%.
- 6432-6433 feet 6 inches.
Sandstone as above, but no porosity due to clay matrix.
- 6433 feet 6 inches - 6434 feet.
Sandstone as above with numerous brown shale laminae.
- 6434-6436 feet. Shale as above.