

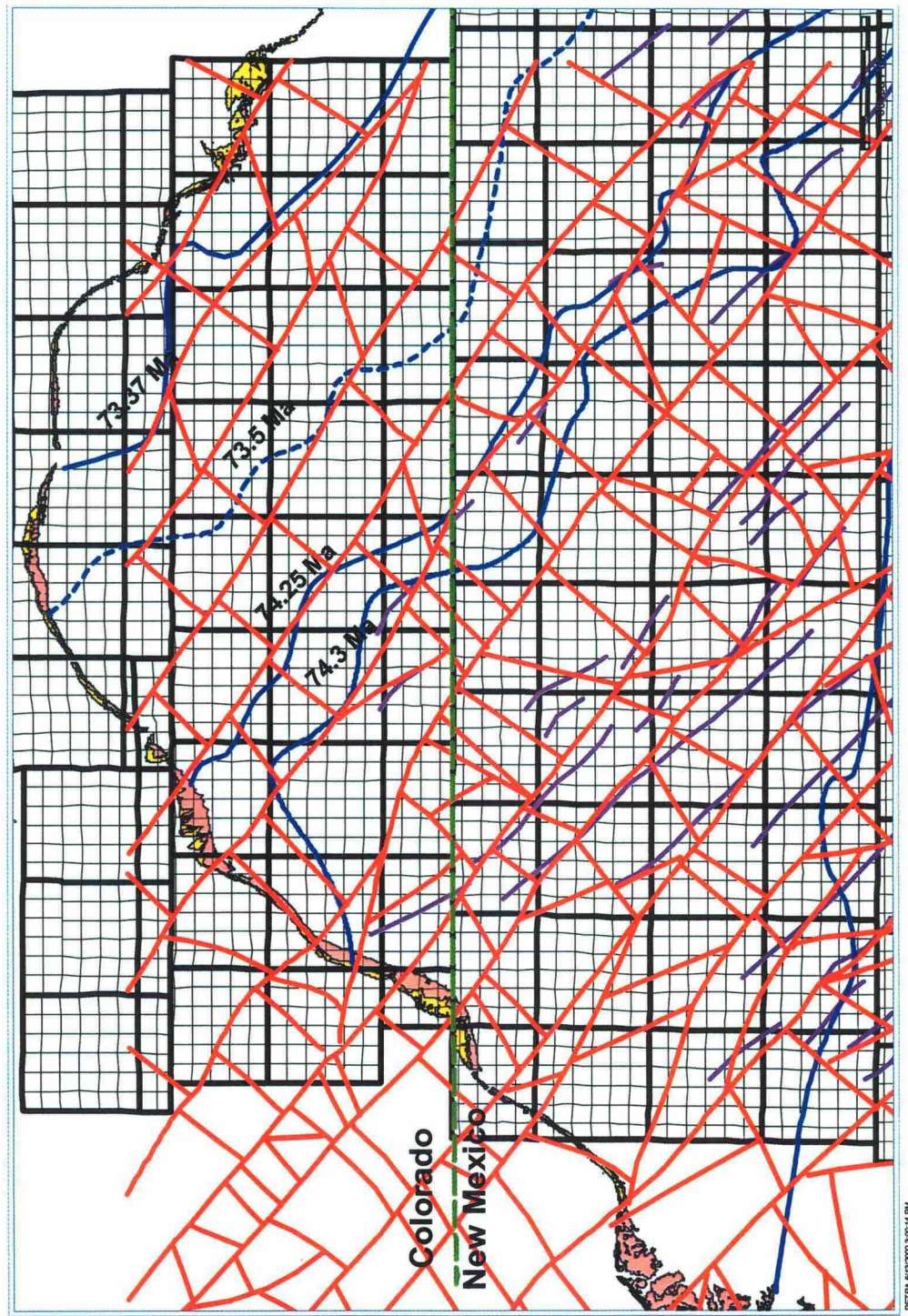
Geologic Overview

BP

Rusty Riese ✱

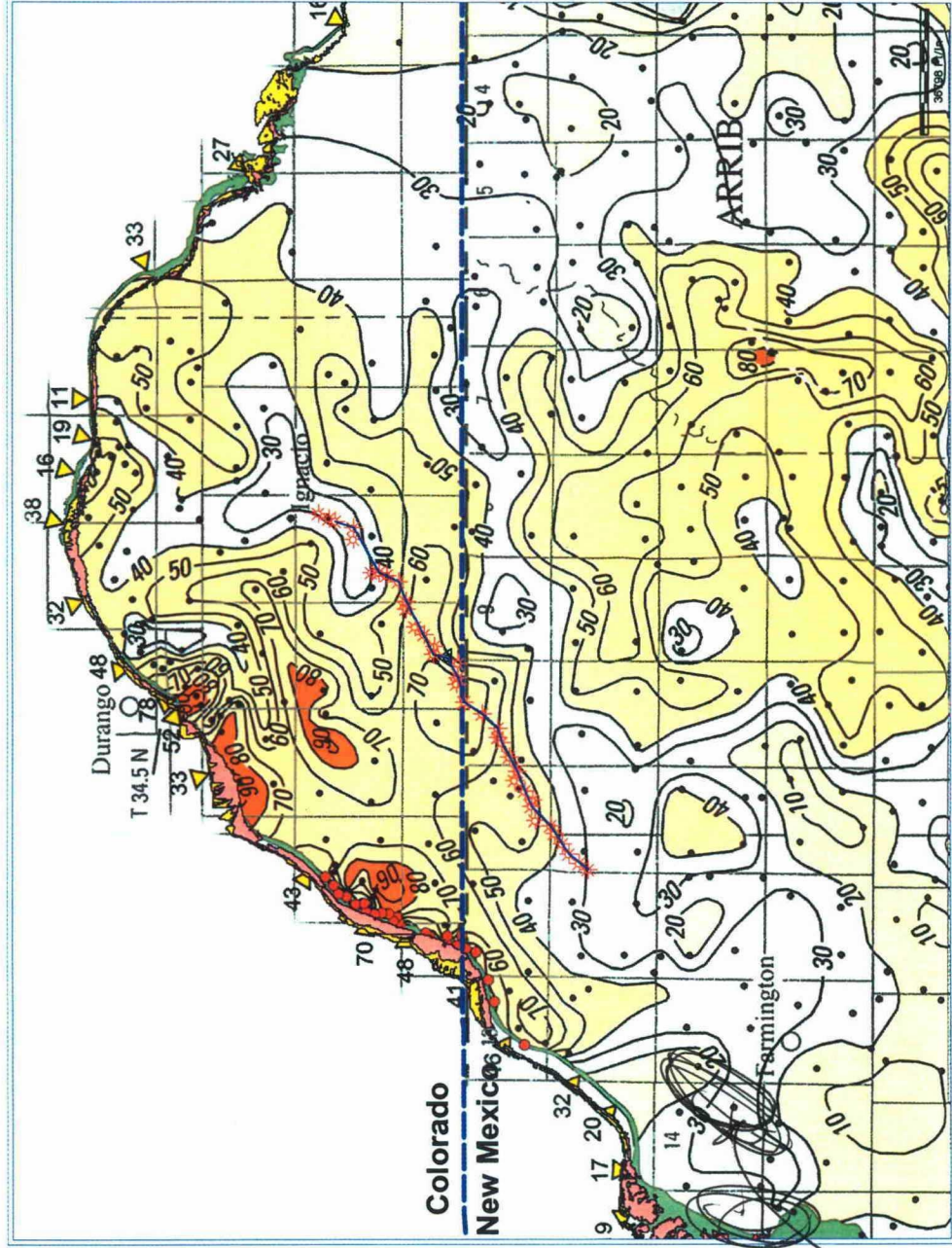
Consulting Geologist

Map of the San Juan Basin depicting
-the Fruitland outcrop,
-basement magnetic linears (red),
-Pictured Cliffs paleoshorelines(blue),
-Pictured Cliffs high-rate gas production trends (lavender).



Isopach map of the Fruitland coals

(from Fassett, 2001)

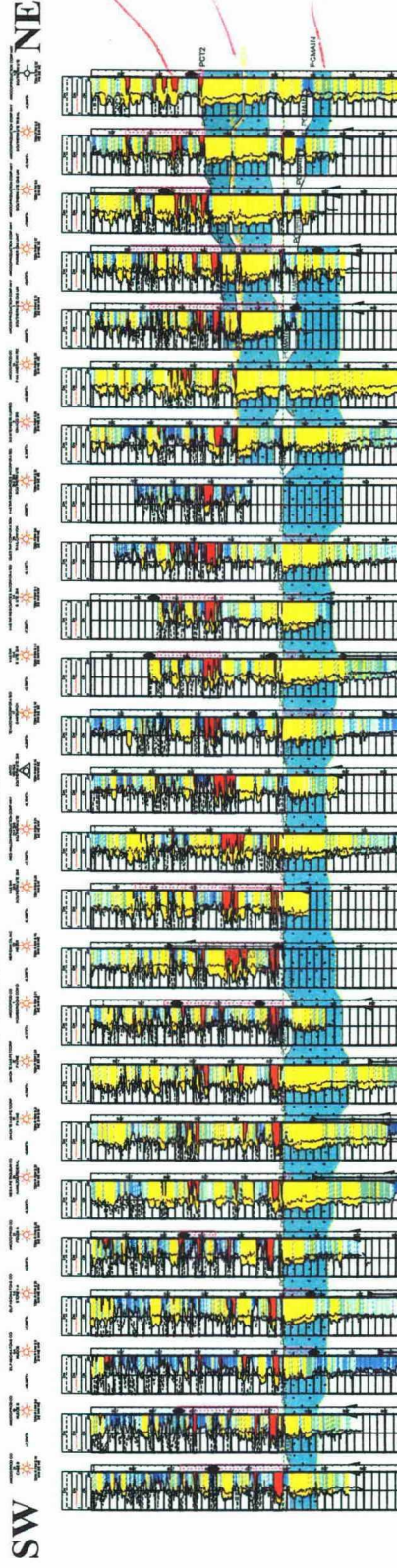


Alvina
Aron
Kurt
made

SW – NE Stratigraphic Cross-section

Cedar Hill - Ignacio

New Mexico - Colorado



sw - ne
PCL = sand

Map of vegetation variation in the Okefenokee Swamp, Georgia and Florida.

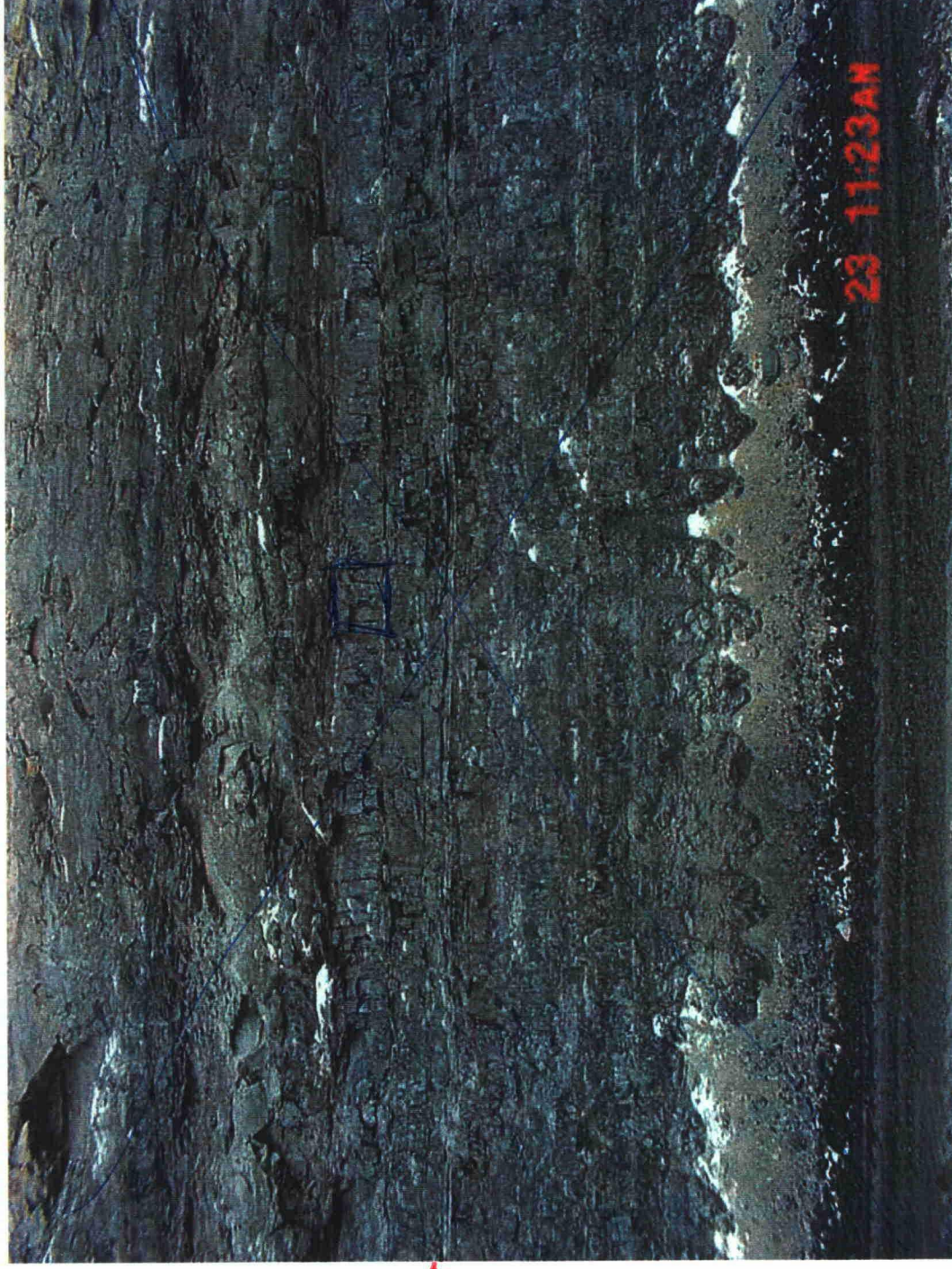
Overlook the
importance of
the individual
and depressed
the environment

Channel truncation of coals

High Wall @ the San Juan Mine



Vertical stratigraphic variations in the Fruitland coals at San Juan Mine.



each
time marker

1st century
clastic

23 11:23AM

Syndepositional faulting in the Fruitland coals at Navajo Mine.

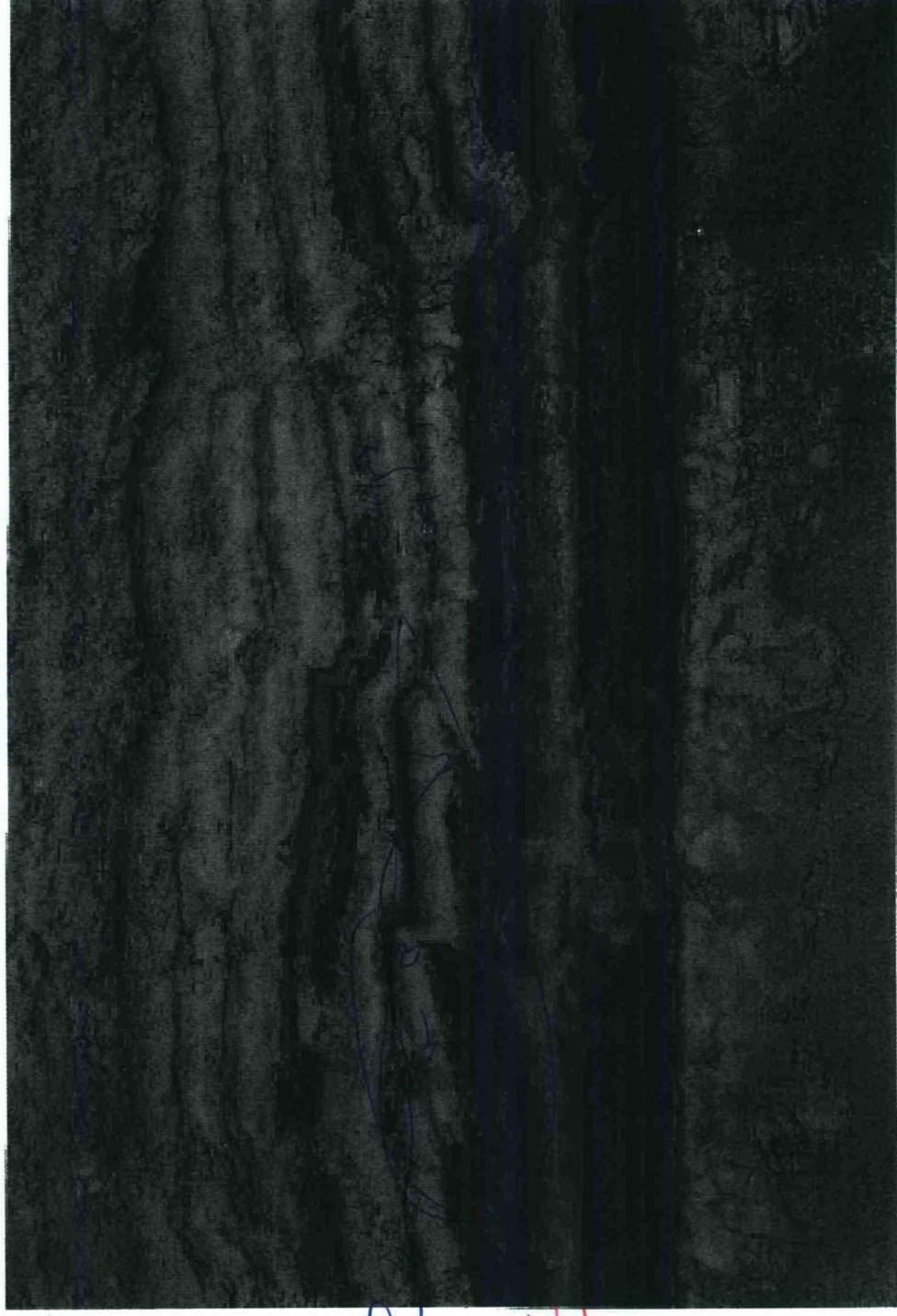


High
Wall of
the
Navajo Mine

Lithologic Fault

Fruitland

Syn depositional faulting in the Fruitland coals at San Juan Mine.



Faulting of coals

