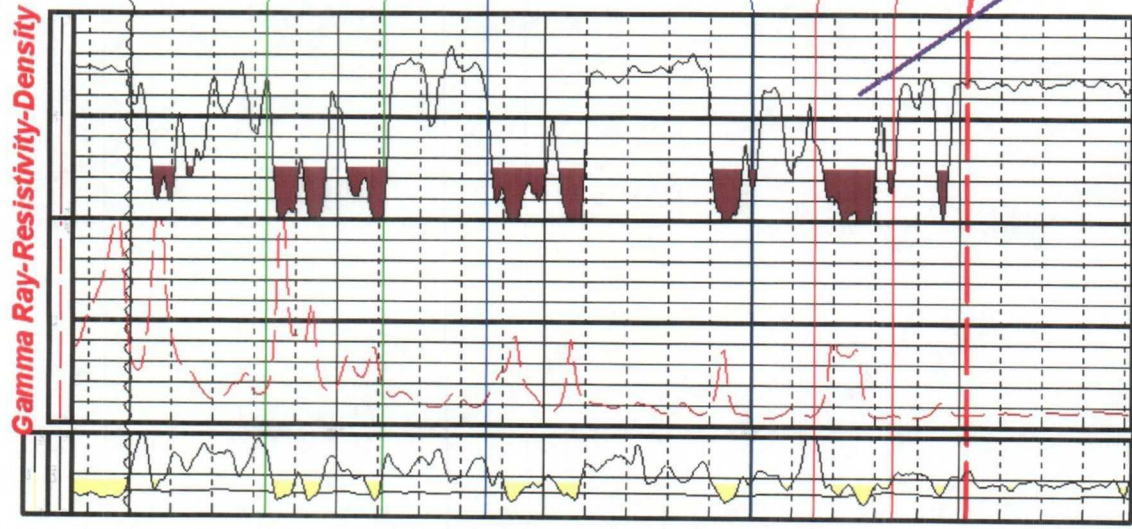


South

Quinn #2A
30045274910000
T31N R8W S19

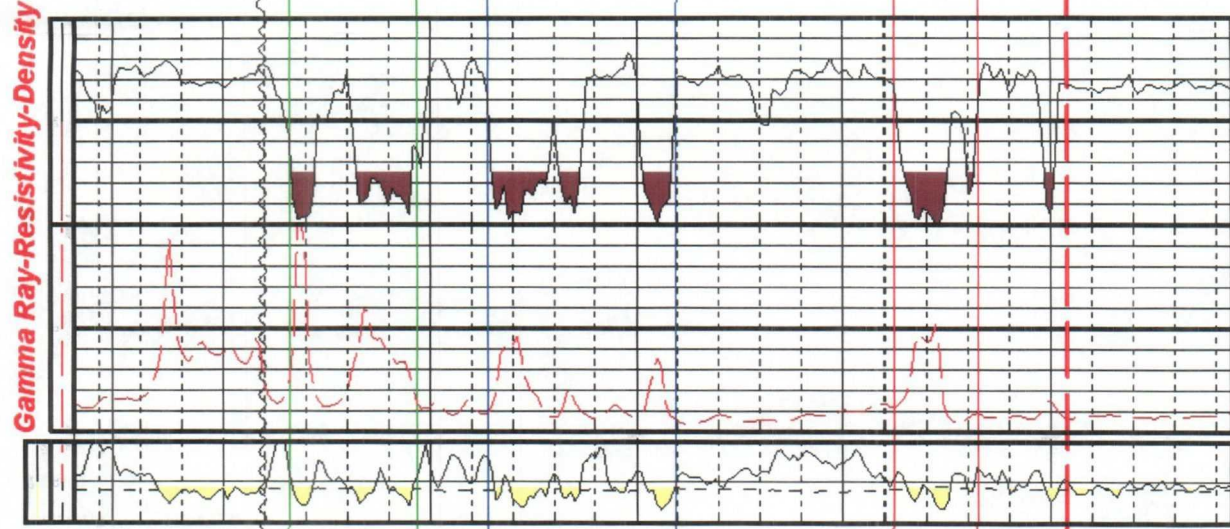
<5,157FT>

Gamma Ray-Resistivity-Density



Density values < 1.8 gm/cc highlighted

Gamma Ray-Resistivity-Density



FRLD channel sand

Ignacio zone

Cottonwood zone

Cahn zone

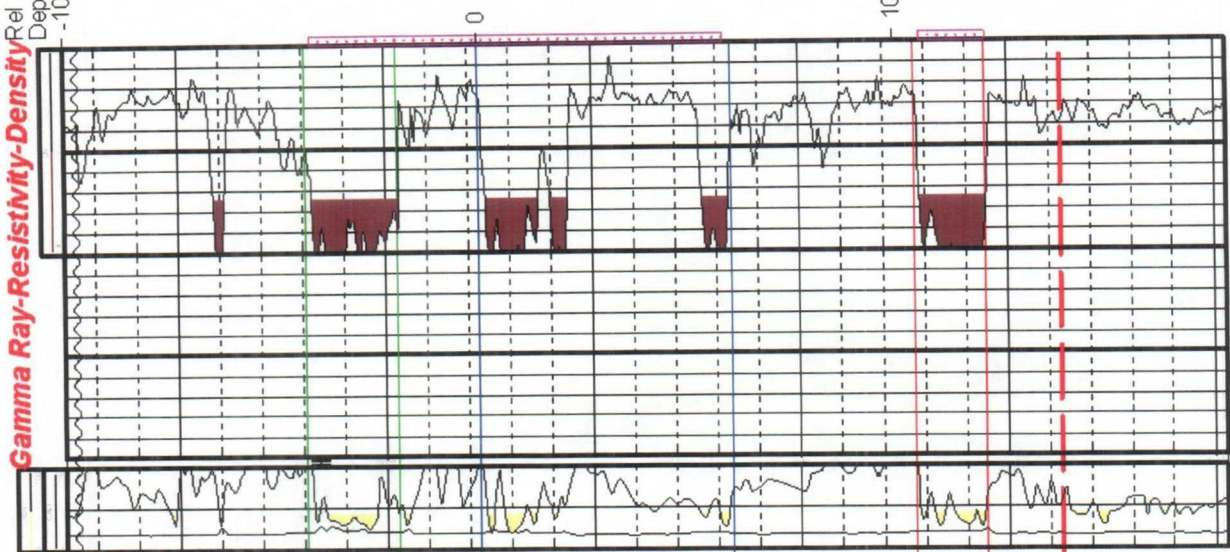
Pictured Cliffs Sand

North

Jacquez #2
30045275220000
T31N R8W S6

<11,001FT>

Gamma Ray-Resistivity-Density



BP America Production Company

NMOCD Case No. 13841

Exhibit #4

Stratigraphic Cross section

Fruitland (FRLD) coal interval

Note the continuity of the coal zones
with an approximate 640+ spacing

By: J. M. Perkins

January 12, 2007 8:50 AM

Stratigraphic Cross section (datum=Cottonwood zone): FRLD coal distribution