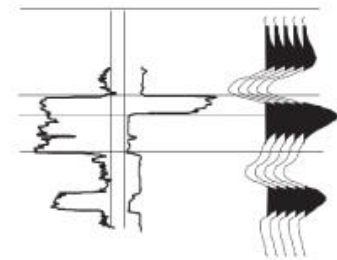


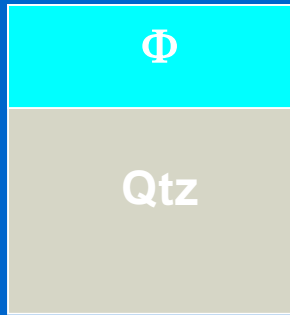
PetroSEIS

Thin Bed Petrophysics

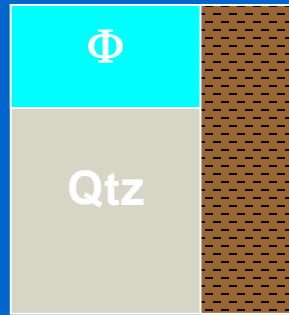
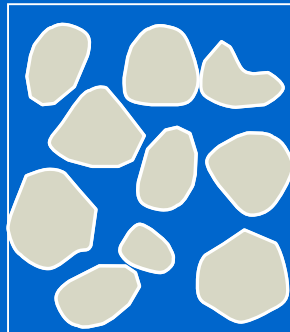


PETROSEIS

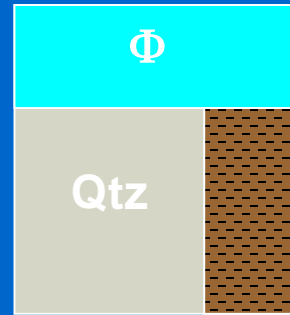
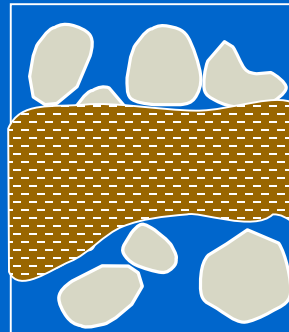
**Which Shaly
sand model to
use?**



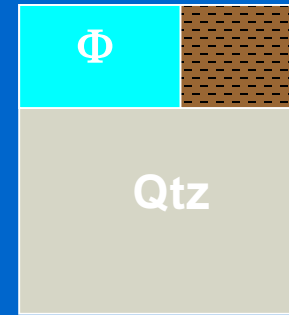
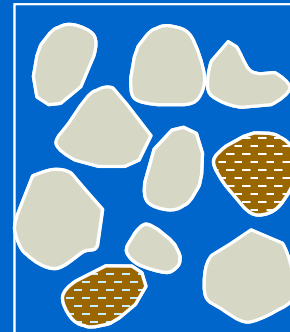
Clean Sand



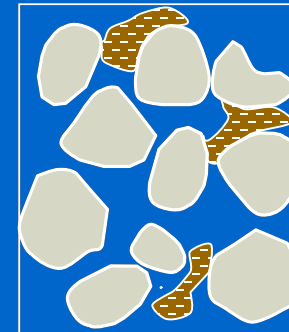
Laminar Shale

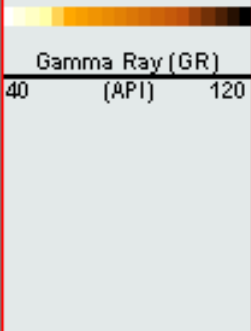


Structural Shale



Dispersed Shale





Depth (ft)

Induction Log Medium (IM)
0.3 (ohmm) 30

Induction Log Deep (ILD)
0.3 (ohmm) 30

Bulk Density (RHOB)
1.99 (g/cc) 2.65

CNCF
0.4 0

Sonic (DT)
120 (us/ft) 70

CAL
3 (in) 8

SW_
1 (frac) 0

SW_
1 (frac) 0

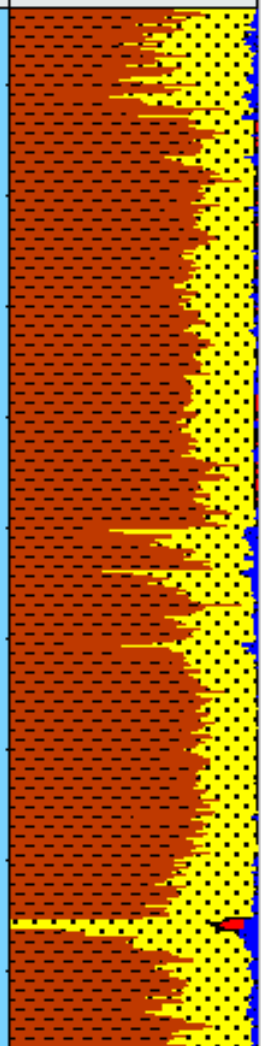
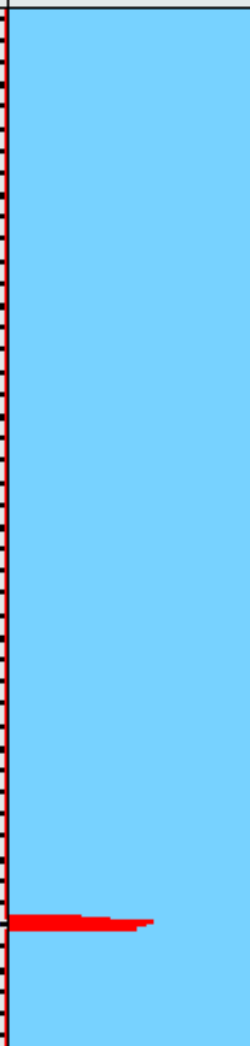
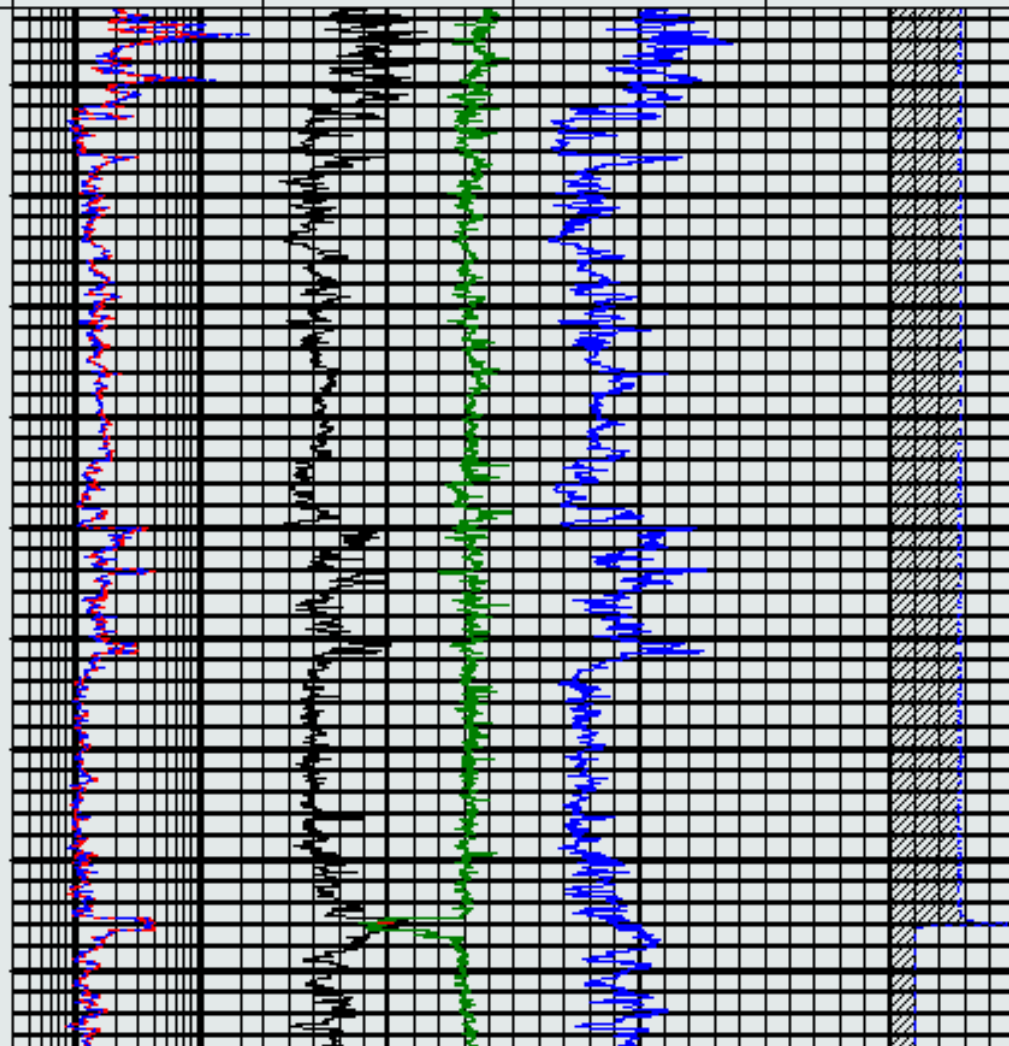
Bulk Volume Water (BVW)
1 (frac) 0

Bulk Volume Water (BVW)
1 (frac) 0

PHIE
1 (frac) 0

VSHGR
0 (frac) 1

8100
8200
8300
8400
8500
8600
8700
8800
8900
9000
9100
9200
9300
9400
9500
9600
9700
9800
9900
10000
10100
10200
10300
10400



Thomas-Steiber- Haley Shale Characterization

