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May, 1942

Falcon-Seaboard, No. 1 Newsom  
NW SE 1-26S-18W

Elevation 2148 feet

Rotary

Pennsylvanian

Base Kansas City 4400 feet ? (Poor evidence)

Pennsylvanian basal sandstone top 4520 feet (Probably 5 or 10 feet  
higher considering lag)

4520-4550 feet Sandstone, very fine to fine angular, with  
rare shale partings. Probably shalier near  
base. Some asphaltic residue and much oil  
staining. Appeared good enough to warrant test-  
ing, although I feel sure none was made.

Mississippian top 4547 feet (from circulating sample at 4550 feet)

Subsea -2399 feet

Burlington-Keokuk ? Residuam

4550-4575 feet Chert, milky white, smooth, flinty to slightly  
rough, opaque, part stained with asphaltic  
residue.

Kinderhook

4575-4590 feet Sandstone, fine, angular, white to pale green  
and rare red, slightly siliceous and argillaceous.

4590-4605 feet Sandstone, white, fine, angular, slightly  
siliceous.

4605-4615 feet Sandstone, as above, and small amount white, finely  
arenaceous chert.

4615-4630 feet Sandstone, white to pink and various-colored,  
fine, angular, siliceous, and white to red and  
various-colored flinty chert, part finely  
arenaceous. Trace of red and green shale.

Ordovician top 4630 feet (Probably few feet higher considering lag)

Subsea -2482 feet

Viola top 4630 feet

Subsea -2482 feet

4630-4650 feet Limestone, white, soft, coarsely crystalline,  
part stained red.

4650-4750 feet Limestone, white to red and various-colored,  
coarsely crystalline. Chert, white to rare  
pink and various-colored, smooth, flinty.  
Rare dolomite.

4750-4775 feet Limestone, white to red, coarsely crystalline,  
and some red medium crystalline dolomite.  
Rare chert.

4775-4780 feet Limestone, as above, part with imbedded rounded  
sand grains.

Simpson top 4775 feet (From 1-hr. circulating sample at 4780 feet)

Subsea -2627 feet

4780-4820 feet Pale greenish-gray, very fine sandstone and  
siltstone with few disseminated fine rounded  
sand grains, argillaceous and dolomitic cement.  
Some dark green laminated shale.

- 4820-4840 feet? Trace of shale and sandstone, as above. Much white, red, and various-colored coarsely crystalline limestone with imbedded sand grains. Same as basal Viola and believed to be caving.
- 4840-4860 feet Shale, dark green, laminated, and some sandstone with argillaceous and dolomitic cement and disseminated phosphate fragments.
- Arbuckle top 4860 feet (From circulating sample at 4864 feet)  
Subsea -2712 feet
- 4860-4864 feet Gap.
- 4864-4875 feet (Poor Sample) Trace of very fine to medium crystalline dolomite with rare imbedded sand grains.
- 4875-4885 feet Dolomite, cream and white, fine and medium crystalline, part oolitic and porous, rare disseminated sand grains.
- 4885-4939 feet TD. Dolomite, cream, white and rare pink, medium and coarsely crystalline, very rare disseminated sand grains.