

001582

November, 1934.

15-167-06216
Cable

Phillips #1 Solback,
SE SE NW, 32-12S-14W, C?
Elevation 1702'

Pennsylvanian conglomerate. No conglomerate or residuum. Marine limes
and shales lie on Arbuckle.

Ordovician	Top 3200'		Sub-sea, minus 1498'
Arbuckle	Top 3200'	Penetration 20'	" " " "
3200-3220	Dolomite, brown, fine, cherty, oolitic.		
	May be Miller-Purcell or Cotter. Cotter preferred on present data.		

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Phillips Petroleum Co.,
Russell County, Kansas.
Elev. 1704'.

Sec.32; T.12S; R.14W.
Solback #1.
By Viggil B. Cole, 1929.

1706 ft

Cable

- 2795 to 2855....Limestone light grayish-white, medium crystalline.
- 2855 to 2865....Shale, black, fine grained.
- 2865 to 2880....Shale, gray fine grained, calcareous.
- 2880 to 2891....Limestone, grayish-white, finely crystalline, (Dodge).
- 2891 to 2900....Shale gray.
- 2900 to 2914....Shale, dark red, calcareous and Shale, gray.
- 2914..to 2931....Oswald lime, light brownish-white, medium to coarsely crystalline, porous.
- 2931 to 2938....Shale, gray and dark red.
- 2938 to 2953....Limestone, white, finely crystalline; Cherty and Fusulina.
- 2953 to 2960....Limestone light grayish-white, coarsely crystalline, very porous--
dissolved out oolites; Fusulina, Crinoids.
- 2960 to 3011....Limestone, light, grayish, white, medium and finely crystalline.
- 3011 to 3049....Shale, gray granular; Limestone 25%.
- 3049 to 3116....Limestone, light grayish-white, finely crystalline.
- 3116 to 3136....Shale gray and dark red.
- 3136 to 3160....Limestone and shale.
- 3160 to 3185....Shale, dark gray; granular and Trace Shale, dark red.
- 3185 to 3196....Limestone, gray-white, finely crystalline.
- 3196 to 3205....Shale, gray granular; Limestone 30%.
- 3205 to 3210....Unconformity, dolomite medium; crystalline Cherty; Trace Shale,
green, dense (Decorah).
- 3210 to 3215....No sample.
- 3215 to 3220....Unconformity, dolomite like above, Chert, Pyrite, Trace sand rounded;
Shale grayish green, dense.

Top out 3200 (-1494)