

PSTE0J

Robertson and Hinkle #2 Stratman,
SW SE NW, 1-17S-10W.
Elevation 1805'.

1814

Pennsylvanian conglomerate. 3222-3235'
3222-3235 Lime, pink; with rare red and green clay shale.

Ordevician Top 3235'. Sub-sea, minus 1430'.

Trenton-Decorah lime. 3235-3240'

3235-3240 Lime, white, partially weathered but not siliceous. With purple and gray dolomitic shales.

Decorah 3240-3266'

3240-3247 Sand and sandy shale.

3247-3265 Shale, green, yellow, and maroon. With sandy layers.

3265-3266 Sand, fine, cemented.

Arbuckle 3266-3271' Penetration 4' Sub-sea, minus 1461'

3266-3269 Miller, zone 9. Oil show at 3267'. Casing at 3267'

3269-3271 Miller, zone 10. At 3269' oil rose 1400' in 1 hr. At 3271' swabbed 87 bbls. in 1 hr.

Sub-sea of Purcell, zone 5, estimated at minus 1485', accurate within two or three feet.

Correlated with Alyard #2 Stratman, 1-17S-10W.

Remarks: The Ordevicain top and the Trenton-Decorah lime do not agree with Price's report on this well. At the time this well was drilled there had been no opportunity to see a section of this type, hence he classed it with the Pennsylvanian conglomerate. He did, of course, recognize that Decorah was present in place.

PLATE 003

Robertson and Hinkle
Stratman #2
Ellsworth County, Kansas

1-17S-10W
SW SE NE
By A. S. Price

Cuttings examined 3100 to 3271
Total depth of well 3275 $\frac{1}{2}$

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|---|------|
| Base of Kansas City lime..... | 3222 |
| Top Pennsylvanian basal conglomerate..... | 3242 |
| Top Simpson green shale..... | 3262 |
| Top of Siliceous lime..... | 3266 |