P

October, 1935.

Atlantic-Johnson #1 Wright,
Sec. 11-12S-27W,
Elevation 2642'

Cable Tool.

Pre-Pennsylvanian

Mississippian — Top 4505' — Sub-sea, minus 1863'
Unit 3 — 4505-4590' — Thickness 85'
Unit 4 — 4590-4675' — " 85'
Kinderhook — 4675-4720' — " 45' — Total 215'

Compared to 24-13S-27W, the thickness of Unit 4 and the Kinderhook are excessive. However, the samples were rechecked and found to be all right, the criteria for the base of Unit ~~4~~ 3 being the determining factor.

The lower part of Unit 4, from 4640-4675' contains as high as 40% sand. The Kinderhook, of interbedded dolomite and sand, with partings of green shale, contains conodonts which enabled Mr. Price to call attention to the presence of Kinderhook-Arbuckle contacts in western Kansas.

Ordovician — Top 4720'
Arbuckle — Top 4720' — Penetration 131' — Sub-sea, minus 2078'
4720-4851 — Cotter dolomite. — " " " 2078'

4720
2642
2078

Arbuckle thicknesses

Cotter	155'	(estimated)
Pre-Cotter	300	(estimated)
Top Pre-Cambrian	5175	(estimated)