

KGS DRL Per  
State Geological Survey Lawrence  
KS - 31-24E  
33-31-24E

P. D. Hartley #21  
31-24E., Cherokee Co., Kansas

Casing, 5-5/8--127'

Soil and clay	24
Shale and mudic boulders	35
White flint	55
White flint & black jack	70
White flint & good black jack	85
Blue flint, good black jack, 12%	105
Hard white flint	140
White flint and broken lime	160
Brown lime	200
White and black spotted flint	212
White and black spotted flint, shallow ground, good jack	215
Clear flint, jack, rosin	225
Mud opening, good lead	229
Clear and blue flint, jack, good	240
Clear flint, good, jack shines	260
Clear flint, jack shines	290
Lime, no shines	300

Plotted

Hole finished at 300'

W. T. Hendren Driller

Struck water at 95'

Struck water second time at 210'