

June 1943

Appleman, # 1 Worley *Approx CSENE*  
Sec. 4-11s-15w  
Elev. 1835' *DF*  
*L.I.*

Rotary

Pennsylvanian conglomerate

Upper part of interval below may be conglomerate.

Cover is marine limestone, white mottled pink grading into argillaceous red lime. Interbedded dull red to greenish clay shale. Samples from 3320' to 3335' include rare chips of white coarse dolomite showing oilstain. These are interpreted as contamination.

Land wash or Arbuckle Residuum Top 3335' Top, Subsea -1500'

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|-----------|--|
| 3335-3355 | Chert. Fresh white to light brown Arbuckle chert. A few porous fragments in lower part show oilstaining. Probably Arbuckle residuum, upper Cotter. |
| 3355-3363 | Chert, pink, red, more oxidized than above. Some loose coarse sand grains. Samples may be out of order. Land wash? Marine conglomerate?            |
| 3363-3370 | Chert, fresh, white and light brown, flinty. Three chips of coarse white dolomite interpreted as contamination.                                    |

Remarks: Arbuckle not reached: Decorah apparently not present at this location. Samples poor; contaminated by a few chips of dolomite of Pre Cotter type, probably during washing and cutting. Test abandoned.

RFW