

Alladin #1 Barecky,
C NW 1/4, 3-16s-10w.
Elevation 1768'

1762 D F.L.S

100 + as R. 10

- Pennsylvanian conglomerate 3257-3310'
 - 3257-3265 Clay shales with rare chert.
 - 3265-3270 Clay shales, green.
 - 3270-3280 No samples.
 - 3280-3289 Chert and red clay.
 - 3289-3293 No samples.
 - 3293-3298 Chert and red and green clay shale.
 - 3298-3305 Chert, sand, and clay shales. Some pale green shales.
 - 3305-3310 No samples.
- Ordovician Top 3310' Sub-sea, minus 1542'
- Trenton-Decorah line 3310-3325'
 - 3310-3325 Crystalline lime, somewhat dolomitized, with white cherty and dolomitic shales. One sample.
- Decorah shale. 3325-3348'
 - 3325-3328 Sand and green shale.
 - 3328-3348 Shale, pale green to dark green.
- Arbuckle 3348-3392' Penetration 49' Sub-sea, minus 1580'
 - 3348-3358 Miller, zone 10.
 - 3358-3363 Purcell, zone 3.
 - 3363-3365 Purcell, zone 4.
 - 3365-3372 Purcell, zone 5. Sub-sea, minus 1595'
 - 3372-3387 Purcell, zone 6.
 - 3387-3397 Purcell, zone 7. HFW 3390-3392'

Zone 6 contains considerable shale and its interval is longer than normal. Samples are long and it may be that corrections were absorbed in that interval by labeling an extra sample of the same material. The criteria for zones 3 and 5 are clear enough to preclude the possibility of the material being deeper Arbuckle. There is a possibility that the whole section might be higher Arbuckle than any observed in this township.

Correlated with Barnsdall #1 Schlect, 25-16s-10w, and with Cypsy #1 Kozisek, 16-16s-10w.

3397	3397
1762	3348
1635	49