

November 1933

Derby #2A Stoltenberg,  
NW corner, 22-168-10W.  
Elevation 1890'

Pennsylvanian conglomerate No data. Rotary.  
35' corrected

Ordovician Top 3342' (Price) Sub-sea, minus ~~2450~~ 1445'

Decorah ~~3342~~ 3335-3359'

3335-3340 $\frac{1}{2}$  Sand, fine. Cored. (by Price)

3340 $\frac{1}{2}$ -3343 Shale, green. " " "

3343-3356 Shale, green.

3356-3359 Sand, fine.

Arbuckle Top 3359' Penetration 8 $\frac{1}{2}$ ' Sub-sea, minus 1469'

3359-3363 Miller, zone 10. Oil at 3360 $\frac{1}{2}$ '

3363-3365 Purcell, zone 3

3365-3366 Purcell, zone 4 Oil increase 3365 $\frac{1}{2}$ -3367'

3366-3367 $\frac{1}{2}$  Purcell, zone 5.

Sub-sea on top of Purcell, zone 5, minus 1476'

The intervals of the Arbuckle zones are so short that it would appear that measurements are incorrect. Criteria for Purcell, zones 3, 4, and 5, are crowded together so that the footage intervals are much shorter than in the Gypsy #1 Kosieck, 16-168-10W, a diagonal offset.