

July, 1936.

Ryan #1 Bemis
NW corner, 22¹/₂11S-17W,
Elevation 1877'

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Pennsylvanian conglomerate. 3353-3373'
3353-3373 Variegated clay shales with included cherts.
Nodular lime. Rare thin layers of sand
and chert conglomerate. The whole series
is variable and interbedded, rather than a
single conglomerate body. The exact top
of the Decorah is questionable. Here it
is placed at the first green shale.

Ordovician Top 3373' Subsea, minus 1496'
Decorah 3373-3403' " " " "
3373-3382 Red and green shales; with considerable yellow,
brown, and pinkish dolomite, which occurs as
thin layers in the shale.
3382-3403 Shale, green; rarely sandy. With scattered
included crystals of brown and yellow dolomite.

Arbuckle Top 3403' Penetration 2' Subsea, minus 1526'
3403-3405 Dolomite, brown to pink. Probably Miller-Furcell.

The Arbuckle top given above may be a few feet too low. It is in
the sample 3400-3405'.

✓

December, 1936.

Ryan #2A Bemis,
SW NW NW, 22-11S-17W,
Elevation 1880'

✓
This one checks map

~~Rotary samples~~

Pennsylvanian conglomerate	3357-3370'	
No samples	3370-3380	
Decorah	3380-3396	
Arbuckle	3396-3398	-1516'
No samples	3398-3401	

This is the same location as Ryan #2 Bemis, previously reported.
It is a different section of conglomerate and is not the same
well deepened.

November, 1936.

Ryan #2 Bemis,
SW NW NW, 22-11S-17W,
Elevation 1880'

D

Rotary samples to total depth. Tops no good for detail.

Pennsylvanian conglomerate	3340-3347'	
Decorah shale	3347-3355'	
Arbuckle (Reported)	3355-3357'	Does not show in samples.

The conglomerate and Decorah tops are not believed to be accurate.