

103124
Skelly Oil Co.
Melchert No. 1
Ellsworth County, Kansas

6-17S-9W
NW SW
By A. S. Price

Cuttings Examined 3197 to 3294
Total depth of well 3298

Base of Kansas City limestone	3237
Top Pennsylvanian basal conglomerate.....	3257
Top of Simpson green sandy shale.....	3275
Top of Siliceous lime.....	3290

421502 ✓
Skelly #1 Melchert,
NW SW, 6-17S-9W.
Elevation 1803

Pennsylvanian conglomerate. 3240-3255'

3240-3255 Limestones, red, yellow, white; with some red and green clay shales. In part a weathered zone on the Ordovician lime and in part nodular Pennsylvanian lime.

Ordovician Top 3255' Sub-sea, minus 1452'.

Trenton-Decorah lime. 3255-3260'

3255-3258 Lime, weathered silicified. Rare sand.

3258-3260 Lime, white cryst. to brown dense.

Decorah 3260-3290'

3260-3268 Shales, pale green to white, slightly dolomitic. Look like metabentonites.

3268-3273 Sand and quartzite.

3273-3289 Shale, green, maroon, yellow. Sandy layers.

3289-3290 Sand, fine, cemented.

Arbuckle 3290-3294' Penetration 4' Sub-sea, minus 1487'

3290-3294 Miller, zone 8 or 9.

3294-3298 No samples. Oil show 3295. Water 3298'.

Sub-sea on Purcell, zone 5, cannot be estimated within 25'. It is not above minus 1521'. Penetration in this well is not sufficient to show a zone boundary.