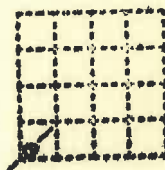


BRANINE & HOLL
 Wellman No. 1

SEC. 20 T. 21 R. 9 W.
 SWc SW

Total Depth. 3553
 Comm. 4-11-42 Comp. 4-16-42
 Shot or Treated.
 Contractor.
 Issued. 5-9-42 Rotary

County Rice.



CASING.

85/8" 258' cemented.

Elevation.

Production. DRY

Figures Indicate Bottom of Formations.

sand	70
shale	95
sand and shale	215
shale and shells	875
salt and shells	945
shale and shells	1110
shale and lime	1905
shale and lime shells	2130
shale and shells	2320
shale and lime shells	2440
shale and shells	2470
shale and lime	2695
lime	2790
shale and lime	3008
little oolocastic, porous limestone	3027
oolocastic	3083
oolocastic, porous limestone	3091
oolocastic	3102
Microscopic porosity, no oil stain	3107
Microscopic porosity	3134
oolocastic, very porous limestone	3140
oolocastic	3153
A few oolocastic, very porous limestone	3155
Top Kinderhook shale - Base of Pennsylvanian	3155-3276
No Misener sand	3276-3324
Top of Maquoketa shale - Base of Kinderhook	3324-3408
Top of Simpson formation - Base of Viola	3408-3464
Top of Arbuckle dolomite - Base of Simpson	3464-3522
Slightly porous dolomite	3522-3526
porous dolomite	3526-3540
very porous med, coarsely crystalline dolomite	3540-3545
Very porous dolomite	3545-3553

*Corrected Tops - Derr. Floor
 Measurements
 Lansing 2958
 Kind. 3276
 Maquoketa 3324
 Viola 3408
 Simp. 3464
 Arb. 3522*

Total Depth.