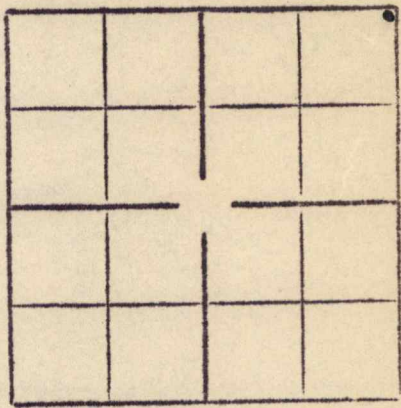


22921

STATE OF KANSAS  
BUTLER COUNTY

Sec. 18. Twp. 29S Rce. 4E  
Farm Knollenburg No. 5  
Ohio Mid Kansas Company  
Elev. T. D.  
Log No.

Soil		5
Shale		10
White lime		40
" shale		45
" lime		65
Shale blue		75
Lime white		130
Shale "		160
Lime "		180
Shale "		190
Lime "		210
R.R.		235
Lime white		255
Shale "		270
Shale blue		310
Lime white		330
Slate blue	HFW 350	340
Lime white		360
Shell		393
Slate blue		450
Lime white		475
Slate blue		510
Lime white		535
Slate blue		565
Sand		580
Slate blue		590
Lime white		610
Slate blue		660
Lime white		670
Slate		840
Lime		860
Slate		910
Lime		920
Slate		940
Lime		950
Slate		990
Lime wtr		995
Slate		1005
Lime		1015
Slate		1027
Limewhite		1065
Slate		1100
Lime		1110
Slate white		1160
Lime "		1265
Slate		1295
Lime		1310
Slate		1365
Lime		1415
Shale		1425
Slate		1445
Lime		1465
Shale white		1475
Sand wtr		1485
Shale		1495
Lime wtr 1540		1545
Shale light		1550
Lime		1575
Shale light		1585
Slate dark		1620
Lime		1650
Slate		1655
Shell		1658
Slate		1675
Sand wtr		1680
Lime		1725
Slate		1795
Shell		1800
Slate		1810
Shale Black		1815



Comm 10-10-17  
Comp 11-30-17

Casing	
12	388.
10	1381
8	1835

Prod. 13 bbls

Slate	1829
Cap rock	1833
Oil sand	1848 TD