

COPY

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

719-720 Union National Bank Bldg., Wichita, Kansas

CASING RECORD LOCATION NE cor SE/4 SE/4 SEC 4 T 29 R 4 E.

10" FARM M. T. Minor NO. 10 COUNTY Butler

20" 8 1-4 COMPANY Mid-Kansas Oil & Gas Co.

15 1-2 6 5-8 CONTRACTOR

12 1-2 5 3-16 COMMENCED COMPLETED

TOTAL DEPTH 1791'. SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO



FIGURES INDICATE BOTTOM OF FORMATIONS ELEVATION

REMARKS INITIAL PRODUCTION

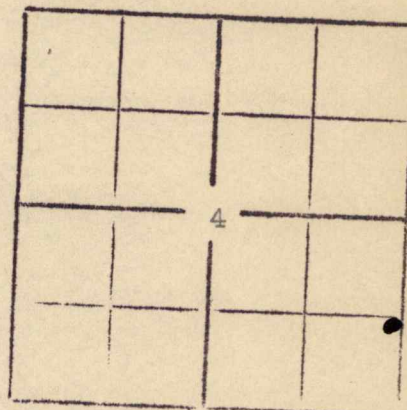
Formation	Depth	Formation	Depth
soil	20	lime	1060
gravel	36	shale	1080
lime white	44	lime	1090
gravel	58	shale	1100
lime white	115	slate	1135
49' of 15 $\frac{1}{2}$ " csg.		sandy lime	1180
rock red	135	1180' of 10" casing	
lime	145	lime	1200
slate	185	slate	1235
lime	215	lime	1250
slate	245	slate	1275
lime	255	lime	1285
slate	275	shale	1300
lime	295	lime	1320
slate	325	slate	1337
lime	380	lime	1365
slate	478	slate	1380
lime	480	lime	1420
slate	495	slate	1465
lime (508' of 12 $\frac{1}{2}$ " csg.)	515	lime	1510
slate	535	sand 1517' of 8 $\frac{1}{2}$ " csg.	1516
lime	545	lime	1545
shale	570	slate HFW at 1570'	1575
lime	640	lime	1590
shale	690	shale	1673
lime	700	sandy lime	1705
slate	730	shale	1740
shale	790	lime	1779
lime	820	sand	1791
shale	850		
lime	870	Total Depth	1791'.
shale	885		
lime	915		
shale	945		
lime	985		
shale	1010		
sandy lime 3 BW PH	1025		
shale	1050		

STATE OF KANSAS
BUTLER COUNTY

soil	20
gravel	36
white lime	44
gravel	58
white lime	115
red rock	135
lime	145
slate	185
lime	215
slate	245
lime	255
slate	275
lime	295
slate	325
lime	380
slate	478
lime	480
slate	495
lime	515
slate	535
lime	545
shale	570
lime	640
shale	690
lime	700
slate	730
shale	790
lime	820
shale	850
lime	870
shale	885
lime	915
shale	945
lime	985
shale	1010
sandy lime water	1025
shale	1050
lime	1060
shale	1080
lime	1090
shale	1100
slate	1135
sandy lime	1180
lime	1200
slate	1235
lime	1250
slate	1275
lime	1285
shale	1300
lime	1320
slate	1337
lime	1365
slate	1380
lime	1420
slate	1465
lime	1510
sand	1516
lime	1545
slate	1575
lime	1590
shale	1673
sandy lime	1705
shale	1740
lime	1779
sand TD	1791

HFW 1570

Sec. 4 Twp. 29S Rge. 4E
Farm. Minor No. 10
Ohio
Company
Elev. T. D.
Log No.



Casing Record:

15	49
12	508
10	1180
5	1577

Comm. 7-27-17
Comp. 8-29-17
Prod: 338 bbls