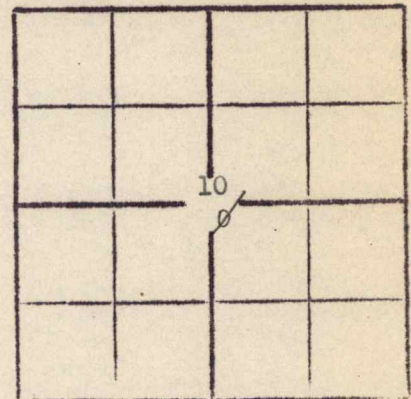


Sec. 10 Twp. 29S. Rge. 4E
 Farm Warner No. 1
 Ohio Company
 Elev. T. D.
 Log No.

STATE OF KANSAS
 BUTLER COUNTY

soil	3	3
lime		13
clay		28
red rock		46
shale		56
lime water		175
blue shale		205
lime		225
white shale		275
red rock		295
blue shale		330
lime		334
blue shale		374
lime		384
blue shale		399
red rock		405
lime		415
blue shale		435
lime		442
blue slate		472
lime		480
blue shale		500
blue shale		530
sand		535
blue shale		560
lime		570
blue shale		600
lime		608
blue shale		680
white lime		686
blue shale		759
white shale		789
lime		795
blue shale		800
lime		805
white shale		840
blue shale		900
lime		905
blue shale		940
lime		965
shale		1075
lime		1085
white shale		1110
lime		1115
shale		1140
lime		1150
lime		1200
shale		1204
lime		1210
shale		1215
lime		1230
white shale		1270
lime		1290
shale		1325
lime		1345
shale		1383
white shale		1410
lime		1412
shale		1415
white shale		1430
white lime		1458
lime		1465
shale		1520
lime		1526
slate		1535
lime		1565
shale		1585
slate		1600



Casing Record:

15	97
12	715
10	1442
8	1895
6	2442
5	2585
Comm. 7-23-17	
Comp. 9-18-17	

lime	1665
slate	1670
shale	1690
shale	1720
lime	1740
shale	1850
lime	1855
blue & white shale	1885
shale	1910
shale	1940
lime	1960
shale	1968
brown lime	2058
shale	2065
white lime	2080
brown lime	2100
lime	2140
black shale	2185
lime	2192
shale	2220
shale	2279
lime	2315
sandy lime	2380
lime	2430
slate	2433
lime	2475
slate	2505
lime	2590
brown shale	2645
shale	2700
lime	2718
shale	2770
shale	2790
lime	2840
shale	2885
shale	2090
lime	3005
lime white TD	3120

WELL LOG BUREAU — KANSAS GEOLOGICAL SOCIETY

412 UNION NATIONAL BANK BUILDING • WICHITA, KANSAS

10-29-41E
V. J.

COMPANY Mid Kansas Oil & Gas Co.

10
SEC. 29 T. 29 R. 4E.
LOC. NWc SE

FARM Elroy Warner NO. 1

TOTAL DEPTH

COUNTY Butler.

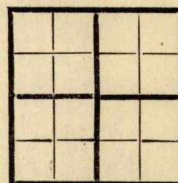
COMM.

COMP.

SHOT OR TREATED

CONTRACTOR

ISSUED



CASING

20 IN.		10 IN.	1442
15 1-2	97	8 1-4	1895
12 1-2	715	6 5-8	2442
13 3-8		5 3-16	2585

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATION

soil	3	shale dark	1204	lime light	2475
lime	13	lime light	1210	slate light	2505
clay blue	28	shale dark	1215	lime light	2590
red rock	46	lime light	1230	shale brown	2645
shale white	56	shale white	1270	shale dark	2700
lime light water	175	lime light	1290	lime light	2716
red rock	175	shale dark	1325	shale light	2770
shale blue	205	lime light	1345	shale dark	2790
lime light	225	shale dark	1383	lime light	2840
shale white	275	shale white	1410	shale light	2885
red rock	295	lime light	1412	shale dark	2890
shale blue	330	shale dark	1415	lime	3120
lime light	334	shale white	1430		
shale blue	374	lime white	1438	Total Depth.	
lime light	384	shale dark	1458		
shale blue	399	lime light	1465		
red rock	405	shale dark	1520		
lime light	415	lime light	1526		
shale blue	435	slate	1535		
lime light	442	lime light	1565		
slate blue	472	shale dark	1585		
lime light	480	slate dark	1600		
shale blue	530	lime white	1665		
sand	535	slate light	1670		
shale blue	560	shale light	1690		
limelight	570	shale dark	1720		
shale blue	600	lime settling	1740		
lime light	608	shale dark	1800		
shale blue	680	shale blue	1850		
lime white	686	lime grit	1855		
shale blue	759	shale blue white	1885		
shale white	789	shale light	1910		
lime light	795	shale dark	1940		
shale blue	800	lime light	1960		
lime light	805	shale dark	1968		
shale white	840	lime brown	2058		
shale blue	900	shale dark	2065		
lime light	905	lime white	2080		
shale blue	940	lime brown	2100		
lime light	965	lime light	2140		
shale blue	1075	shale blk	2185		
lime light	1085	lime light	2192		
shale white	1110	shale dark	2220		
lime dark	1115	shale light	2279		
shale dark	1140	lime light	2315		
lime white	1150	lime sdy	2380		
lime white	1200	lime light	2430		
		slate light	2433		