WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

54269

NATIONAL REFG.CO.-I.W.MURFIN
Kraft No. 1.

SEC. 2 T.17 R.11W
CW½ NW NW

Total Depth. 3400'
Comm. 4-18-40 Comp. 5-27-40
Shot or Treated.
Contractor.
Issued. 6-22-40

County. Barton



CASING:
15½" 343' 8¼" 2992'
12½" 717' 7 " 3345'
10 " 2034'

Elevation.

Production. Dry & Abnd.

Figures Indicate Bottom of Formations.

shale	5
sand	15
shale	185
sand, fresh wtr	205
sand & shale	220
shale red	270
shale	305
sand, fresh wtr	320
shale	375
sand	385
shale	490
sand	500
shale red	706
lime	715
anhydrite	735
shale red	940
shale	1000
shale red	1045
shale blue	1065
shale red	1075
shale	1150
salt	1395
shale	1405
salt	1415
shale	1455
Sample Log:	
shale buff limey	1460
anhydrite	1490
shale green	1500
anhydrite	1508
lime buff leached	1521
anhydrite	1526
shale red & green	1545
lime buff leached	1572
shale red & green	1582
lime buff leached	1600
limey shale buff	1615
lime cherty fossilif.	1630
shale dk	1636
limey shale lgt	1640
shale red	1660
lime buff cryst.	1690
lime gy	1720
lime lgt oolicastic	1741
dk foss.shaley lime	1763
lime leached & chert	1795
shale green	1800
shale red & green	1811
lime buff foss.	1821
shale gy	1830
shale red & green	1840
lime cryst.&chert	1865
shale red,green,gy	1893
lime cryst.	1895
shale gy	1905
shale red & gy	1915
lime lgt cryst.	1927
shale green-gy	1936
shale red	1942
shale gy	1952
lime gy	1967
shale gy & red	1973
lime dense	1992
shale red & green	2005
lime lgt dense	2010
shale red & green	2025
lime buff dense	2040
lime gy	2080
shale dk	2085
lime dk granular	2100
shale red	2121
lime lgt	2125
shale gy micaceous	2133
lime gy	2138
shale red	2141
lime lgt	2152
shale red & green	2163
lime lgt granular	2170
lime gy foss.	2181
shale gy micaceous	2200
shale red	2208
shale gy micaceous	2213
lime fossiliferous	2232
shale gy	2253
shale red	2256
lime dense	2261
shale gy	2276
lime dk granular	2287
shale blk	2297
lime dense	2302
shale dk	2325
lime dk fossiliferous	2332
shale red sdy & green	2348
lime granular	2353
shale gy micaceous	2360
shale red	2363
shale green sdy	2370
shale gy micaceous	2408
lime lgt gy	2420
shale gy sdy	2440
shale green-gy & little red	2468
lime lgt dense cryst.	2485
shale gy	2500
lime dk granular	2505
lime lgt cryst.	2522
shale gy	2530
lime dense cryst.	2550
sdy shale micaceous	2557
lime dk foss.	2570
sdy shale micaceous	2580
shale gy	2610
lime dk dense	2615
lime lgt granular	2630
shale gy	2642
lime fusulinal	2650
shales var.col.	2655
lime dense	2662
shale gy	2673
lime fossiliferous	2678
shale gy	2684
lime gy sft cryst.	2700
shale gy foss.	2707
lime dense	2715
lime lgt gy fusulinal	2730
lime dk cherty fusulinal	2770
lime porous cryst.	2787
shale dk gy&green	2792
lime lgt dense	2802
shale limy gy mic.	2817
lime lgt cryst w/some wh chert	2830
lime lgt cryst	2856
shale dk	2862
lime lgt dense	2880
lime drusy	2888
shale blk	2896
shale gy & maroon	2900
lime lgt cryst.foss.	2915
lime dense & some lgt chert	2937
lime finely cryst.	2950
shale gy micaceous	2970
lime lgt dense	2976
shale gy	2985
shale maroon mic.	2990
shale gy micaceous	3050
lime gy foss.	3100
lime oolitic	3105
lime gy cryst.	3135
shale green-gy	3140
lime dense	3172
lime oolitic	3184
shale green-gy	3190
lime buff cryst.	3200
lime foss.	3220
lime oolitic	3230
lime cryst.	3250
lime dense cryst.	3325
shale green-gy	3331
lime lgt dense	3337
conglomerate cherty var.col.	3377
dolomite hrd cryst	3395
chert & lime glauconitic gramular	3400
Total Depth.	

wtr at 190, wtr at 310,
2BW 375-85, 8BW 490-500,
1BW 1720, 4BW 1735-50,
1BW 3175-80,
HF sulphur wtr 3395-3400
sm sh oil 3075-80&3220-25
sm sh blk oil 3395

Sample Tops: Ft.Riley 1660
Florence 1763
Topeka 2707
Lansing 3050
Arbuckle 3377