23-15-14 W

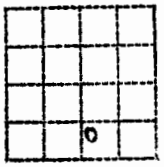
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - CITIES SERVICE OIL CO.
Farm - Bender "D" No. 4.

SEC. 23 T. 15 R. 14 W
NW SW SE
990'N & 330'E of S¼ Cor.

Total Depth. 3350
Comm. 12-30-44 Comp. 2-1-45
Shot or Treated. 500 gals 2-3-45
Contractor. Veeder Supply & Dev. Co.
Issued. 5-5-45

County. Russell
KANSAS



Elevation.

CASING:
8 5/8" 338' Cem.
4 1/2" 3347' Cem.

Production. Phy.Pot. 161 BO
10% Wtr.

Figures Indicate Bottom of Formations.

shale & shells	0-495
sand & shale	545
shale & lime	640
shale,shells & red bed	898
anhydrite	950
shale,shells & red bed	1040
shale & shells	1070
salt & shale	1135
shale & shells	1260
shale & lime shells	1280
shale & shells	1410
red bed & shale	1495
shale & shells	1615
lime brkn	1780
shale & lime	1865
shale & shells	1880
lime	1940
lime & chert	1980
lime & shale	2025
lime & chert	2050
lime & shale	2255
lime & shale	2400
shale	2410
shale & lime	2465
lime sdy & shale	2595
lime & shale	2840
cherty lime	2855
shale & lime	2980
lime	3030
shale & lime	3065
lime & chert	3105
lime & shale	3348
3348 Rot.TD=3342 SLM	
dolomite	3350
Total Depth	

Corr. Top Arbuckle 3340
Penetration 10'

Fillup: 75'oil in 1 hr @3343
150'oil in 2½ hrs @3346
400'oil in 3 3/4 hrs @ 3348
800'oil in 5 hrs @3350
1000'oil in 6 hrs @3350

2-5-45: Temp.Pot. 25 BOPD