

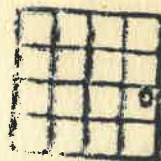
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bank Bldg, Wichita, Kansas.

CITIES SERVICE OIL CO.
Mollhagen No. 1-D.

SEC. 30 T. 17 R. 9W.
NEc SE
440' W 440' S. E1/4 Cor.

Total Depth. 3223
Comm. 9-14-38 Comp. 10-4-38
Shot or Treated. 500 gal.
Contractor. Twin Drlg. Co.
Issued. 10-22-38

County. Ellsworth.



CASING.

103/4 210'
65/8" 3210'

Elevation.

Production. Pot. 851 B.

Figures Indicate Bottom of Formations.

shale blue	40-	100
shale red		110
sand light		200
shale light		294
red shale and shells		362
shale red		460
lime		535
lime sdy		610
shale and lime		652
shale blue and shells		733
lime shells and shale		868
shale blue		895
salt		1167
lime light mod		1210
shale blue and shells		1300
lime grey mod		1390
lime shale breaks		1463
lime grey and shale		
breaks		1690
lime light hard		1695
lime shells and shale		1770
lime grey		1802
lime light mod		1870
lime light hard		1890
lime broken		2000
lime		2050
broken lime		2100
shale blue med		2175
lime light mod		2202
shale mod		2235
lime grey hard		2280
lime shells and shale		2320
lime shale breaks		2407
lime grey mod		2445
shale blue mod		2472
lime grey mod		2562
lime light mod		2570
lime light hard breaks		2627
lime light hard		2659
dark grey lime hard		2818

broken lime and blue	
shale	2850
lime grey	2874
shale dark	2883
lime	2960
broken lime	2990
lime	3180
shale dark	3195
SIM 3190 equals	3196
cherty conglomerate	3210
arbutklo	3223
Total Depth.	

Acidized with 500 gal.

Top siliceous	3210
penetration	14

CORRECTED LOG.

3210- 3211 Rotary Total Depth.

B. Kansas City	3181
T. cherty Cong.	3195
T. Arbutklo	3210

65/8 plain end at 3211.

S.S.O. 3211-12

100' muddy oil and drlg
wtr 3212-16

2/3 bailer free oil 15 Min 3216-18

2 1/2 Bailer free oil 55 min 3218-20

1/2 bailer free oil 45 Min 3220-22

400' oil 1 1/2 hrs. 3222-23

1575' oil 14 hrs

283.66 bbls 8 hours.