

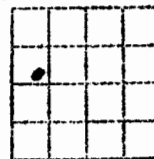
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 508 E. Murdock, Wichita, Kansas

Company - LARIO OIL & GAS COMPANY
 Farm - Marshall "E" No. 19

SEC. 24 T. 11 R. 18W
 SE SW NW

Total Depth. 3672 K.B.
 Comm. 2-3-48 Comp. 2-26-48
 Shot or Treated.
 Contractor. Transit Corp.
 Issued. 3-25-50

County. Ellis
 KANSAS



Elevation. 2071

Production. 3000 bbls.

CASING:

8 5/8" 1355' cem.
 5 1/2" 3672' cem w/150 sx.

Figures Indicate Bottom of Formations.

KELLY BUSHING MEASUREMENTS:

clay, rock	40
shale	220
iron	285 ✓
shale, shell	420
shale	500
iron, shale	560 ✓
iron	590 ✓
shale, shells	705
iron	785 ✓
shale, shells	860
sand	985
iron, shale	995 ✓
shale	1085
shale, shells	1200
red bed	1265
shale	1320
anhydrite	1355
shale, red bed	1460
shale	1660
shale, salt	1855
shale, shells	1960
lime, shale	2200
lime	2455
lime, shale	3025
lime	3250
lime, shale	3330
lime	3445
lime, shale	3505
lime	3590
lime (Arbuckle)	3672
Total depth KB.	

Tops:
 Kansas City 3282
 Simpson 3575
 Arbuckle 3588

Total depth 3670 D.F.