

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

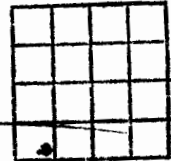
Company- CARL TODD DRILLING CO.
Farm- Zachman No. 4

SEC. 15 T. 11 R. 20W
SE SW SW

Total Depth. 3623'
Comm. 2-17-56 Comp. 2-26-56
Shot or Treated.
Contractor.
Issued. 5-19-56

County Ellis

KANSAS



Elevation. 2089' KB

Production. 341 BOPD

CASING:

8 5/8" 190' cem w/150 sx
5 1/2" 3623' cem w/150 sx

Figures indicate Bottom of Formations.

lime rock	90
shale and shells	190
shale and shells	625
sand and shale	740
shale and red bed	850
sand and shale	1225
shale and red bed	1491
anhydrite	1525
shale and salt	1675
shale and lime	1910
shale and lime	2455
shale and lime	2940
shale and lime	3035
shale	3125
shale and lime	3294
lime and shale	3350
lime	3430
lime	3485
lime	3590
lime	3623 RTD
Total Depth	

Tops:

Topeka	3126
Heebner	3343
Toronto	3364
Lansing	3381
Base Kansas City	3610

DST #1 3407-30, weak steady blow, open 1 hr.,
rec. 100' muddy water, slightly oil cut in top.
IF & FF 0, BHP 1040# in 20"

DST #2 3430-50, good blow, open 1 hr., rec. 600'
gas on top of 660' gassy oil & 180' muddy oil.
IF 0, FF 260#, BHP 1050# in 20"

DST #3 3460-70, weak blow for 34 min., flushed
tool & weak for remainder, open 1 hr, rec. 30'
slight oil cut mud & 45' thin watery mud. IF
& FF 0, BHP 1160# in 20".

DST #4 3474-85, strong blow, open 1 hr., rec. 360'
oil cut water & 1800' salt water. IF 200, FF 990,
BHP 1055# in 20"

DST #5 3562-90, weak steady blow, open 1 hr. rec.
10' heavily oil cut mud & 30' slight oil cut mud.
IF & FF 0, BHP 1020# in 20"