

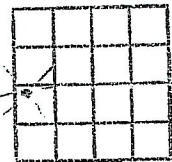
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

L. C. SMITHERMAN DRILLING CO. &
Company- SUNRAY-MID-CONTINENT OIL CO.
Farm- Embry No.1

SEC. 24 T. 24 R. 16W
NW NW SW

Total Depth. 4610
Comm. 3-5-57 Comp. 3-26-57
Shot or Treated.
Contractor. L. C. Smitherman Drilling Co.
Issued. 7-6-57

County Edwards
KANSAS



8 5/8 @ 361' w/ 400 sx cmt.
5 1/2 @ 4320' w/ 150 sx cmt.

Elevation. 2026

Production. 2,740,000 CFGPD

Figures indicate Bottom of Formations.

cellar	4
soil	15
sand & gravel	70
shale & shells	235
shale w/ lime streaks	355
lime	365
red bed	570
shale & shells	1939
lime w/ shale streaks	2225
lime	2440
sandy shale w/ lime streaks	2545
lime & shale	2654
broken lime	2750
shale & lime	3255
lime w/ shale	3332
shale & lime	3455
lime w/ shale streaks	3480
lime & shale	3549
lime	3623
lime & shale	3718
shale w/ sand streaks	3803
K. C. lime	4009
lime & shale streaks	4046
broken lime	4117
lime, shale & sand	4182
lime w/ shale	4187
Mississippi lime	4213
Kinderhook shale	4220
Kinderhook sand	4231
sandy shale	4247
Kinderhook sand w/ shale strks	4273
shale & sand	4288
Viola lime w/ chert	4353
Viola lime & shale	4418
cherty lime	4440
lime	4495
sand	4553
limey shale w/ sand strks	4569
cherty Arbuckle lime	4575
Arbuckle lime	4610
Total Depth	

TOPS:

Heebner	3641
Brown lime	3779
Lansing	3785
Cherokee	4113
Mississippi	4184
Kinderhook shale	4204
Kinderhook sand	4247
Simpson shale	4286
Simpson sand	4507
Arbuckle	4560