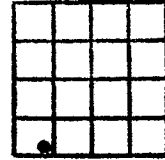


WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- SHAWVER ARMOUR, INC. & RUSSELL COBB JR., SEC. 4 T. 31 R. 1W
Farm- Paul Horsch No. 1 INC. SE SW SW

Total Depth. 4176'
Comm. 5-7-58 Comp. 5-23-58
Shot or Treated.
Contractor. Shawver Armour, Inc.
Issued. 10-18-58

County Sumner
KANSAS



CASING:
8 5/8" 357' w/275 sx cem.
5 1/2" 4091' w/150 sx cem.

Elevation. 1292' KB

Production. Phy. Pot. 40 BOPD

Figures Indicate Bottom of Formations.

anhydrite tr	345
anhydrite	430
lime, shale stks	634
lime, shale	1275
shale, lime stks	1540
lime, shale	2714
Stallnaker sand	2773
shale, lime	3070
Kansas City lime	3220
shale, lime	3669
lime, chert	3687
lime	3699
Mississippi lime	3772
lime, shale	3813
Mississippi lime	3843
lime	3879
lime, shale	3958
shale, sand	4011
Simpson sand	4054
sand, shale	4092
Arbuckle	4163
Arbuckle lime, chert	4176
Total Depth Rotary	

TOPS:
Stalnaker 2714
Kansas City 3007
Mississippian 3641
Simpson 4005
Arbuckle 4089