

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

Company- H. L. MOORE

Farm- Mowbray

No. 2

SEC. 29 T. 26 R. 13W
NW NE SW

Total Depth. 4470

Comm. 7-12-54

Comp. 9-8-54

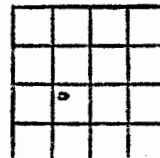
County Pratt

KANSAS

Shot or Treated.

Contractor.

Issued. 10-23-54



CASING:

8 5/8" 499'

5 1/2" 4465'

Elevation. 1947 D.F.

Production. PMP 72 BO / 30 BW

ALL MEAS. FROM TOP OF ROTARY BUSHING WHICH IS 3' above D.F. Figures indicate Bottom of Formations.

Drillers log 0 -3600

0 - 180 sand shale
843 red bed, shells
863 anhydrite
1000 red bed, shale
1485 red bed, shale, shells
1900 shale, shells
2640 limestone & shale
3075 shale, limestone
3200 shale
3415 limestone, shale
3600 limestone

Sample log 3600 to T.D.

3600-03 limestone, blue-gry, sub xylm
3619 limestone, tan to brn, finely sucrose, dolomitic; fair vug. poro. No Show
3625 limestone, as above, no porosity
3635 shale, gry-blk, fissile; strks limestone
3645 limestone, dolomitic, as above.
3654 shale, brn-blk to drk brn, Heebner fissile, micaceous
3657 limestone, lgt gry-blue, sub-xylm Leavenworth
3676 shale, gry to gry-blk to brn-blk
3683 limestone, brown, dense
3730 shale, gry to gry-blk
3742 limestone, dirty brn-gry to chocolate brn, dense to med. xylm; fair vug. porosity 3733-35 No show.
3744 shale, as above
3752 limestone, brown to tan, finely xylm, oolitic; spotted fine vug. poro. 3745-52 No show
3755 limestone, brown, dense, some oolitic
3772 shale, black to brown-blk carbonaceous; strks fine gry silty sand
3778 limestone, tan to brn, sub-xylm to dense
3783 shale as above
3788 limestone, brown to chocolate brown, dense
3801 shale, gry sft
3807 limestone, as above, lighter brown
3811 shale, gray
3826 limestone, gry to lgt tan, sub-xylm, fossiliferous; strks drk gry shale
3829 shale, gry to drk gry
3840 limestone, tan to brown, finely xylm, fossiliferous; some wht, opaque chert w/brown oolites
3847 limestone, lgt gry, sub-xylm, fossiliferous; good spotted vug. poro. Tr.stn
3866 limestone, gry to tan, fossiliferous, finely xylm; strks gry & gry-blk sha
3877 limestone, wht, chalky, oolitic; spotted vug. poro. Spotted stain
3911 much gry to gry-blk shale; strks tan to brn, dns limestone
3918 limestone, tan, sub-xylm, oolitic, fair vug. poro. Good dark black stain
3927 limestone, brown, dense; chert, gry, opaque; strks drk gry shale
3736 limestone, gry, finely xylm; poor vug. poro. chert wht to tan to gry No Show
3941 shale, gry; strks limestone
3948 limestone, gry, finely xylm, chalky; spotted pinpoint porosity; much chert as above No show
3959 limestone & shale strks
3964 limestone, brown sucrose, oolitic; good oolitic poro. Some drk brown stain, some gilsonite
3991 limestone, tan to cream, sub-xylm; some gry, opaque chert; strks gry to olive shale
3993 limestone, dull brown, sub-xylm to dense; fair vug. & oolitic poro. Slight to good stain.

(over)

3993-4013 limestone, tan to buff, sub-xyl, oolitic; brown shale near bottom.
4018 limestone, gry, sub-xyl, oolitic; good oolitic porosity. No Show
4027 limestone, tan to gray, dense
4031 limestone, cream to buff, finely sucrose, oolitic; good oolitic poro.
fair stain
4046 limestone & gry-blk shale
4054 limestone, gry to drk gry, mottled, oolitic, sub-xyl; good oolitic poro.
Fair to good spotted drk stain
4125 limestone, brown to buff, sub-xyl to dense; strks sft blk, fissile shale
4130 shale, brown & gray
4167 much shale, as above; some olive shale w/phosphate nodules; strks gry-brn,
resinous, fossiliferous limestone.
4213 limestone, gry, red & brn, sub-xyl; chert, amber to gry, translucent, vitreous
gry & brown opaque; trace red, oolitic limestone; much gry, sub-xyl, silic
fied limestone; strks gry-grn & brn shale 4184-86
4234 shale, gry, maroon and brown
4238 limestone & chert, as above; some red, jasperoid chert
4244 shale, as above
4250 limestone & chert, as above
4256 shale, as above
4277 chert, cream to wht to buff, opaque, vitreous; some wht, opaque devitrified,
chert; chert wht, vuggy w/slight show free oil, no odor
4281 shale, gry to silver-gry, micaceous; some maroon shale
4292 limestone, brown to green, sub-xyl, shaly
4313 chert, tan to cream to wht to brn, opque, vitreous; chert wht to tan, devitri-
fied No Show
4319 shale, gray to gry-green to pale green & maroon
4327 limestone, olive-brn, sub-xyl, resinous
4331 shale, as above
4341 limestone, as above, cherty
4343 shale, as above
4363 chert, wht, opaque, vitreous to sub-vitreous; chert, wht to crm translucent,
figured, some vuggy w/slight show free oil, slight odor
4368 limestone, wht, subxyl to finely xyl, chalky
4382 mostly chert, as above; some limestone, as above. Some gilsonite, no free oi
4399 chert, as above; much gry, opaque chert; inc. in limestone, as above, less chal
4405 limestone, wht to dirty gray, dolomitic, finely sucrose, chalky; spotted vug.
porosity. No show
4427 limestone, wht to tan, dolomitic, finely xyl; much lgt tan, dense, limestone;
some wht, chalky, oolitic limestone; some wht, chalky, sdy limestone near bt
4430 shale, dull gray-green, sdy
4436 sand, wht to lgt tan, sub-rounded, fairly well sorted. Slight show free oil
slight odor
4440 sand, as above, shaly
4453 sand, wht to lgt tan, poorly sorted, angular to rounded, coarse to submed.
Fair odor, slight show free oil.
4459 dolomite, dirty brown, sucrose, slightly sandy
4463 sand, as above, coarse, dolomitic, shaly
4470 sand, wht, fine to med-crse, well to poorly sorted. Slight show free oil
Total Depth RTD

Tops:	15 mins & had fair blow which dec. to weak
Stone Corral (El. Log) 843	intermittent blow at end of test. Rec. 120
Heebner 3645	thin drilling fluid, BHP 1000# (30 min.)
Leavenworth 3654	
Brown lime 3783	
Lansing 3811	
Base Kansas City 4125	
Marmaton 4125	
Mississippi 4256	
Kinderhook 4277	
Viola 4343	
Simpson 4427	

DRILL STEM TEST:

Mississippi #1 4253-82 Op. 1 hr -
fair blow throughout est. Rec.
30' mud. BHP 85# (20 min.)
Simpson: #2 4420-43 Op 1 hr & 45
min. - weak intermittent blow after
flushing, remained good throughout
rest of test. Rec. 2420' gas, 150'
heavily oil & gas cut mud. BHP 275#
(30 min.) still building up rapidly.
Chart showed tool was plugged during
1st 15 mins. of test.
#3 4444-70 Op 1½ hrs. - weak
blow for 15 mins. Flushed tool at