

23-26-13W

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

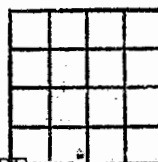
Wichita, Kansas

Company- H. L. MOORE
Farm- Gobin No. 2

SEC. 23 T. 26 R. 13W
SE SE SW

Total Depth. 4378
Comm. 7-28-54 Comp. 9-22-54
Shot or Treated.
Contractor.
Issued. 10-23-54

County Pratt
KANSAS



Elevation. 1946 DF

Production. 124 BO & MW

CASING:

8 5/8" 554'
5 1/2" 4361'

Figures Indicate Bottom of Formations.

(Note: All measurements are from the top of the rotary bushing which is 3' above the derrick floor)

245	sand		3808	limestone, gray, subcrystalline
800	redbed & shells			crysto-oolitic; spotted vugular
825	Anhydrite			porosity, trace stain
1140	redbed, shale & shells	3818		limestone, tan to gray, sub-
2445	limestone & shale			crystalline to dense; streaks
2490	limestone			gray shale
2525	shale	3834		limestone, light gray, fairly
3030	shale & limestone			clean, subcrystalline; spotted
3150	shale			vugular porosity 3818-22,
3350	limestone & shale			3825-27 and 3831-33, trace stain
3425	limestone	3838		shaly limestone
3500	limestone & shale	3841		limestone, as above, some gray,
	(drillers log C-3500'			opaque chert-porous on electric
	(Sample log 3500 to T.D.)			log
3503	shale, gray, limey	3859		limestone, as above; streaks gray
3553	limestone, white to light gray,			shale
	finely crystalline, some oolitic;	3864		limestone, brown to gray-black
	spotted vugular and oolitic			dense; some gray, opaque chert
	porosity- no show			Porous on electric log
3556	shale, gray-black, soft	3874		limestone & chert, as above,
3560	limestone, tan, subcrystalline to			shaly
	finely crystalline, slightly dolo-	3884		limestone, gray to buff, finely
	mitic			crystalline to subcrystalline;
3573	limestone, finely crystalline as			spotted vugular porosity; chert,
	above, spotted vugular porosity-			gray, opaque- no show
	no show	3889		shaly limestone, as above
3577	shale, brown-black, finely micaceous,	3899		limestone, porous, as above, no
	fissile			show
3583	limestone, blue-gray-subcrystalline	3903		shaly limestone, as above
3589	shale, gray & gray-green	3911		limestone, porous, as above, no
3607	limestone, cream to tan, finely			show
	crystalline; trace porosity- no	3916		limestone, gray, finely crystal-
	show			line to subcrystalline; chert,
3638	shale, gray & gray-green, finely			gray to white, opaque
	micaceous; some silty; streaks	3921		shale, gray & gray-black
	fine, gray, micaceous, argill-	3932		limestone, blue-bray, subcrystall
	aceous sand			ine, oolitic; fair oolitic
3641	sand, as above			porosity 3924-26, slight to fair
3683	sand, fine to medium, well sorted,			stain
	micaceous, argillaceous-spotted	3939		lime & gray-black shale
	brown stain, probably oil.	3943		limestone, light gray to brown,
3743	shale, gray & gray-black, some			finely sucrose; good oolitic
	pale green shale; streaks sand, as			porosity, good stain
	above	3954		limestone, gray to tan, dense;
3747	limestone, brown, dense, some			much gray-black shale.
	argillaceous	3962		limestone, brown, finely sucrose,
3759	mostly gray shale; streaks lime-			oolitic, calitic; fair vugular
	stone, as above			and oolitic porosity-good
3763	limestone, as above			stain
3766	shale, gray	3970		limestone, tan, dense
3792	limestone, gray to light tan,	3978		limestone, gray to tan, finely
	fossiliferous, subcrystalline,			crystalline; fair honeycomb
	some with black oolites; streaks			porosity-spotted fair stain
	gray shale			

(OVER)

3990 limestone, salmon to light gray dense; streak gray-black shale 3983-86

3994 limestone, light gray, finely sucrose, oolitic; good oolitic porosity-fair spotted stain

4013 limestone, gray to tan subcrystalline, chalky; chert, gray, opaque to translucent; streak gray-black shale 3997-4004

4016 limestone, as above
Porous on electric log.

4039 limestone and chert, as above; streaks gray-black shale

4041 limestone, gray-subcrystalline, oolitic; spotted oolitic porosity, trace stain

4084 mostly limestone, light gray to tan, dense, lithographic; streaks gray-black shale

4095 shale, gray & gray-green

4098 limestone, brown to gray, medium to subcrystalline

4109 limestone, as above; streaks shale as above, some brown shale

4113 shale, gray to gray-green to dark gray to brown

4124 limestone, gray to light tan, finely crystalline to subcrystalline chert, salmon, white and gray vitreous

4129 shale, as above

4151 limestone & chert, as above; much gray to buff, finely crystalline, silicified limestone

4159 limestone & chert, as above, shaly

4192 shale, gray-gray-green and dark gray less brown shale

4208 chert, white to cream to salmon, no show-opaque, vitreous; streaks tan, subcrystalline limestone

4210 shale, gray black to dull gray green

4222 shale, as above; much light brown to tan to cream, opaque chert

4255 chert, white, translucent, figured, lacey; chert, white opaque, vitreous, some vuggy; chert, white to brown, mottled devitrified; fair show free oil, slight odor; DST

4257 shale, black waxy

4261 limestone, tan to white, subcrystalline, chalky, sandy

4269 shale, gray to olive gray-green sandy

4275 sand, white to tan, poorly sorted, sub-angular to sub-rounded, very shaly- slight to fair show free oil, fair odor; DST

4276 dolomite, tan to brown, finely crystalline to subcrystalline fair spotted vugular porosity, fair odor, slight to fair show free oil; DST

4286 dolomite, as above; some buff to light tan, subcrystalline, sandy dolomite

4288 shale, as above

4294 sand, clear to light tan, poorly sorted, subangular, very shaly slight to fair show free oil; DST

4297 sand, as above, less shaly-much gilsonite, no free oil; DST

4318 mostly sand, white to clear, fine to medium, sub-rounded, fairly well sorted, shaly

4359 shale, gray-green to gray to pale green, sandy; streaks sand, as above

4361 dolomite, cream to buff, medium to finely crystalline, rhombohedral

4366 dolomite as above; fair vugular porosity; chert, white, opaque to semi-translucent, oolitic
Very slight show free oil; DST

4370 dolomite, light tan to buff, subcrystalline to nearly dense; streaks dark green shale; chert gray, opaque, oolitic

4373 dolomite, cream, finely crystalline, oolitic; spotted fair vugular and oolitic porosity-very slight show free oil; DST

4378 dolomite, tan to buff, subcrystalline
Total depth

Tops:

Stone Corral(Drillers)	800
Heebner	3573
Leavenworth	3577
Snyderville	3583
Toronto	3589
Douglas	3607
Brown lime	3743
Lansing	3766
Base Kansas City	4084
Marmaton	4084
Mississippi	4192
Kinderhook	4208
Viola	4222
Simpson	4261
Arbuckle	4359

Drill Stem Test Data:

Viola

(1) 4213-55: open 1 hour-good blow throughout test. Recovered: 150' slightly oil & gas cut mud
Bottom hole pressure: 640#
(30min) still building up rapidly

Simpson

(2) 4260-80: Open 1 hr-strong blow throughout test, gas to surface in 20 minutes.
Recovered: 15' heavily oil & gas cut mud 60' muddy oil, 360' slightly muddy to clean oil-
Bottom Hole Pressure: 1015#
(30 minutes) Initial flow pressure: 90#
Final flow pressure: 150#

(3) 4285-4301: Open 1 1/2 hrs-weak blow for 3 minutes, flushed to at 15 minutes and again had weak blow for 3 minutes. Rec. 85' mud
Bottom hole pressure: 0# (20 min)

Arbuckle:

(4) 4361-76: Open 1 hr-strong blow throughout test, rec. 120' gas 180' slightly oil & gas cut mud 120' heavily oil & gas cut mud 180' muddy oil, 180' clean oil
Bottom hole pressure: missed
Initial flow pressure: 0#
Final flow pressure: 125#