

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

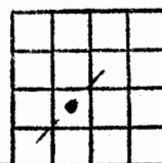
31-25-15W

Company- **DRILLING & EXPLORATION COMPANY**
Farm- **Gibson** No. **1**

SEC. 31 T. 25 R. 15W
 C NE SW

Total Depth. **4465'**
Comm. **3-12-59** Comp. **3-26-59**
Shot or Treated.
Contractor. **Garvey Drlg.**
Issued. **6-20-59**

County **Stafford**
 KANSAS



Elevation. **2049' KB**

Production. **Dry**

CASING:

8 5/8" 407' cem w/275 sx.

Figures Indicate Bottom of Formations.

DRILLERS LOG NOT AVAILABLE:

- 3877-80 limestone, brown, medium crystalline, slightly oolitic. Poor inter-crystalline porosity. N.S.
- 3898-3908 limestone, lgt tan, fine to medium crystalline. Scattered poor pin-point to vugular porosity; lgt spotty oil stain, no free oil, no odor.
- 3921-24 limestone, tan, medium crystalline, pin-point to vugular porosity, chalky in part. N.S.
- 3932-35 limestone, lgt tan, coarse crystalline, inter-crystalline and vugular porosity. Scattered lgt oil stain, no odor.
- 3939-42 limestone same as above; very lgt oil stain, no odor.
- 3952-64 limestone, white, chalky; N.S.
- 3968-72 limestone, lgt gray, medium to coarse crystalline; inter-crystalline and pin-point porosity. NS
- 3982-92 limestone, white, coarse crystalline; inter-crystalline and vugular porosity; spotty dk oil stain, no free oil, no odor.
- 3994-4001 limestone, lgt tan, fine crystalline, poor pin-point porosity. N.S.
- 4016-19 limestone, tan, medium crystalline; good pin-point to vugular porosity. N.S.
- 4032-36 limestone, brown, obolicastic; good oolitic porosity. N.S.
- 4050-70 limestone, white, chalky. N.S.
- 4072-81 limestone, brown oolitic, good oolitic porosity, N.S.
- 4102-15 limestone, brown, oolitic, good oolitic porosity N.S.
- 4127-31 limestone, white to lgt tan, sub-translucent; scattered pin-point to vugular porosity. N.S.
- 4145-48 limestone, gray to lgt tan, oolitic; poor to fair oolitic porosity. NS
- 4151-55 limestone, same as above N.S.
- 4302-05 limestone, white, chalky. N.S.
- 4314-18 sand, gray, medium grained, sub-rounded, well sorted; oil stained in part. DST #1 across this zone recovered 10' of mud.
- 4352-60 chert, white & pale greenish white, devitrified to tripolitic; fair porosity w/lgt oil stain & spots of gilsonite residue, no odor. DST #2 across this zone rec. 15' of mud. Electric log calculations show 24-26% porosity, 55% water.
- 4378-82 sand, greenish gray, medium grained shaley N.S.
- 4382-86 chert, varicolored white red & brown. fresh, devitrified and some tripolitic, fair to good porosity, w/gilsonite residue

and lgt oil stain. Very slight show of oil in wet samples, no odor. Electric Log calculated 15-20% porosity 65 % water.

4404-09 chert, white and colorless sub-translucent; mostly fresh chert w/few pieces devitrified; spotty poor porosity in devitrified chert w/very lgt traces staining. No free oil, no odor.

Total Depth 4465'

TOPS:	SAMPLE	ELECTRIC
Heebner	3712	3709
Toronto	3732	3727
Douglas	3753	3750
Brown Lime	3868	3864
Lansing	3875	3877
Basal Penn. Sand	4311	4314
Mississippi	4339	4352
Kinderhook	4370	4370
Viola	4453	4451

DST #1 4305-22', op 45", shut in 30", rec. 10' mud. IBHP 100#, FBHP 35#, IFP 20#, FFP 20#, Hydrostatic Head 2325#.

DST #2 4313-58', shut in 30", op 60", shut in 30", rec. 15' mud. IBHP 810#, FBHP 65#, IFP 35#, FFP 45#, Hydrostatic Head 2339#.

DST #3 4354-73', shut in 30", op 60", shut in 30", rec. 20' oil specked mud. IBHP 585#, FBHP 35#, IFP 15#, FFP 15#, Hydrostatic Head 2357#.

Ran Welox Gamma Ray-Neutron and Guard and Caliper Log.