

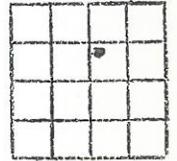
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- SEELEY, SHAFFER & HUMMEL  
Farm- Solbach No. 5

SEC. 31 T. 14 R. 14W  
NW SW NE

Total Depth. 3190' RB  
Comm. 2-25-51 Comp. 8-29-51  
Shot or Treated.  
Contractor.  
Issued. 6-1-57

County Russell  
KANSAS



CASING:  
none given

Elevation. 1733' DE

Production. 50 Bbls

Figures indicate Bottom of Formations.

All zones & formation tops are corrected by drilling time to rotary bushing depths. (which is 2' above the derrick floor.)

NO DRILLERS LOG AVAILABLE

Topeka- Top 2632'  
2634-38' buff granular fossiliferous limestone, tr. sucrose light stain. Reservoir quality-very poor.  
2715-17' grasy tan fossiliferous limestone, very light stain, poor porosity. Reservoir quality-very poor.  
2735-38' grayish finely crystalline limestone, few light tan stain, poor porosity. Reservoir Quality-very poor.  
2811-17' Sucrose finely porous tan & brown limestone, no odor reported. Reservoir quality- poor to fair.  
2822-31' soft granular slightly porous limestone, few light stain. Reservoir quality- poor. Heebner (top 2858')  
2880-84' Granular crystalline limestone, few finely porous tr. light stain. Reservoir quality-poor. Oread (Base 2891')  
Lansing (top 2916')  
2917-22' tan granular limestone few slightly drusy, light tan stain. Reservoir quality-poor to Fair.  
2942-44' Few oolitic limestone w/interoolitic porosity, light stain. reservoir quality-poor  
2958-62' Grayish granular crystalline fossiliferous limestone some weathered porous w/tan to dead gray stain. Reservoir quality-Fair to poor.  
Note: This staining appears dead.  
2978-82' Chalky to tan granular crystalline limestone, few light stain, no porosity. Reservoir quality-none.

2993-95' gray fossiliferous nodular limestone, light stain. Reservoir quality-Poor.  
2998-3002' granular weathered porous, rich tan stain, no odor reported. Reservoir quality-Fair  
3009-19' soft white to oolitic porous limestone, few tan stain. Reservoir quality Good.  
Note: Fair odor reported @3025'  
3057-62' Chalky white to tan dense limestone, Reservoir Quality- None  
3069-72' Weathered irregular fine porous sucrose to finely crystalline fossiliferous limestone, irregular splotched stain. Reservoir quality-very poor.  
3082-86' granular oolitic limestone, few interoolitic porous irregular rich tan stain, no odor reported. Reservoir quality- Poor.  
3135-39' Granular crystalline limestone few oolitic, tr. light stain. Reservoir quality- Very Poor  
Arbuckle (top 3154)  
3154-55' white crystalline dolomite some irregular, Reservoir quality- Fair to good.  
3157-59' porous stain & good odor.  
3160-64'  
Note: the Arbuckle was found in the 3163 sample before circulating.  
Best porosity & staining seen to a total depth of 3163' was found @3163'  
This would be from 3161-64'.  
3165-68' Drusy porous stained dolomite, few dark flaky staining. Reservoir quality- good  
3169-71' Drusy porous dolomite few white porous, good odor, mostly good staining. Reservoir quality- Good

3172-74' Tan porous dolomite, good stain & odor, few white porous dolomite some large sand inclusions. Reservoir quality-good  
3175-80' white porous dolomite, some increase in sand in dolomite, some stain as above, good odor. Reservoir quality- Good  
3181-86' Some brown porous dolomite, mostly white porous some sand in dolomite.  
3187-89' Dolomite as above, mostly white porous, some stained large sand inclusions.  
Total Depth 3190 RB

Note: there was a/good odor & fair to good porosity in the Arbuckle

These was a definite increase in porous dolomite in the sample @3186'. this is placed in the interval fr. 3175 to 3180'.  
TOPS-DERRICK FLOOR  
Topeka 2630  
Heebner 2856  
Base/Oread 2891  
Lansing 2914  
Arbuckle 3152

Gamma Ray Log was Run

Remarks: zones below depth of 3171' are thought to be near or in water.

Horizon from 3172-74' had excellent porosity & staining. it also had a few white porous dolomite pieces.