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

Company. W. G. BRUNS
Farm. Dahlsten No. 2
SEC. 25 T. 15 R. 4W
CN/2 SE NE NW
330' Fr EL, 560' fr SL of
NE¼ NW¼
County Saline
KANSAS

Total Depth. 3422
Comm. 8-15-51 Comp. 8-24-51
Shot or Treated.
Contractor. Honaker Drilling Co.
Issued. 3-19-55

CASING:
8 5/8" 320'
5 1/2" 3419½' cem.

Elevation. 1298 D.F.

Production. 75 BO + trace water

Figures Indicate Bottom of Formations.

NO LOG

Tops: R.B.

Mississippi lime	2892
Kinderhook shale	3190
Misener Sand	3324
Hunton	3328
Maquoketa shale	3345
Maquoketa dolomite	3419

GEOLOGICAL REPORT

The #2 Dahlsten was drilled with rotary tools to 3422 T.D. 10-ft samples were saved from 2800 to 3300', & 5-ft samples from 3300' to T.D.. 1-ft drlg time was recorede from 2800' to T.D. All samples were examined w/microscope & drlg was observed from approximately 3350' to T.D..

FORMATION TOPS, OIL SHOWINGS & RELATED DATA

Included below are descriptions of all porous, oil-stanined or otherwise significant lithologic zones. All measurements a re based on the top of the Rotary Bushing.

Formation tops & Notable zones (*Denotes oil staining)	Depth below Surface
"MISSISSIPPI LIME"	2892 (-1592)
White coarsely xyln to chalky tight lime; some wht tra nslucent chert w/traces slightly pin-point porosity	2992-96
Gry to buff fine to med. xyln dolomite w/fair to good porosity	2896-2911
Crm to wht coarsley xyln crinoidal lime, traces dolo. w/slight to fair porosity	2911-19
Buff med. xyln dolomite w/good vugular porosity	2919-39
Ditto, & some lgt gry finely succrose dolo. w/fair to good vug.por.	2939-48
Gry to drk fry finely xyln argillaceous glauconitic dolo., tight to possibly slightly porous; gry devitrified chert	2948-69
Wht devitrified to tripolitic chert, occasional traces very slight pin-point porosity	3025-56
Buff finely succrose dolo., trace fair vugular porosity	3056-59
Wht & lgt gry fossiliferous tight chert; some buff finely succrose dolomite, possible very slight porosity	3072-77
Wht & lgt gry chert, some devitrified to tripolitic w/occasional traces very slight pin-point porosity; crm to lgt gry finely succrose dolomite with traces slight porosity	3080-3104
*?? Finely succrose to dense siliceous impure dolomite with scattered slight porosity & drk brown stain; some drk brown hard mineralized shale& gry tight chert w/external brown stain associated w/the dolo. (Note; Stain does not appear to be oil stain; probably is mineral coloration or stain from something spilled on samples during or before drying)	3112-15
KINDERHOOK SHAIE	3190 (-1890)
MISENER SAND	3324 (-2024)
Wht med. to coarse grained pyritic & phosphatic sand, some w/possible slight porosity	3324-28
HUNTON	3328 (-2028)
Gry to brown med. gra nular dolo. w/brown carbonaceous partings, tight to very slightly porous	3328-33
Wht & crm-wht med. to coarsely xyln dolo. w/good vugular porosity; wht opaque chert, traces slight to fair porosity	3333-41

(Over)

W. G. BRUNS
No. 2 Dahlsten
25-15-4W
CN/2 SE NE NW

(continued)

	Depths below Surface
Lgt gry & buff med. xyln dolomite, part tight, part w/fair to good vugular porosity; some greenish-gry med. xyln tight dolo., lgt gry & blue-gry mottled chert	3341-45
MAQUOKETA SHALE	3345 (-2045)
MAQUOKETA DOLOMITE	3419 (-2119)
*Gry med. xyln slightly glauconitic dolo. & lgt gry fossiliferous partly leached chert, considerable amount of each w/fair to good porosity & fair to good shows free oil	3419-22

Circ. 1½ hrs 3422 T.D.

DRILL STEM TEST 3420-3422, open 45 mins. strong blow throughout test: Rec. 163' oil, sltly mud cut & 2' muddy salt water. 15-min. BHP 960#.

5½" casing cemented @ 3419½ (-2119½)

TOTAL DEPTH 3322 (-2122)