

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

Company- BEDELL-CATT DRILLING CO.
Farm- Johnson "A" No. 1

SEC. 26 T. 26 R. 12E
Approx. CS/2 NE NE NW
300' S of NL, 500' W of NL, NW 1/4

Total Depth. 2214
Comm. 4-4-55 Comp. 4-22-55
Shot or Treated.
Contractor.
Issued. 5-7-55

County Greenwood
KANSAS



Elevation. 1141 D.F. 1142 K.B.

Production: SW1W

CASING:
8 5/8" 69'
5 1/2" 2117'

All Meas. are from the top of the Kelly bushing. Figures indicate Bottom of Formations.

Depth	Description	Depth	Description
Drillers Log 0-1100		1662	sand, very fine, gry & shaly micaceous muddy. No porosity No show
5 top soil		1700	shale, gry, green-gry, brown silty; some blk
9 shale		1724	shale, blk to drk gry, strks fine shaly sand, gry some coal. No show
25 limestone		1762	dolomite, vy finly sucrose & shaly. trace glauconite. Tr. lgt green, leached shale at btm
71 shale		1769	limestone, brown to lgt tan, dns, to finely xyln, very oolitic. Lrge rounded, oolites, some free, some chert blue-wht translucent. Fair porosity. Stain of heavy blk oil. no odor.
730 limestone, shale		1776	lime, gry to lgt brown, some poro. in limestone, chert gry & wht transl. Some porosity 1772-75 Fair show free brown oil. No odor chert, wht to gry, op. to transl. figured, calcareous. Much wht devit. porous chert, Inc. in blue-gry op. to semi-translucent vitreous chert. Very slight show free oil in porous chert. DST 1763-90
865 shale, shells		1800	chert as above increase in vit. chert dolomite, finely xyln, tan to lgt brown; chert blue-gry to drk gry, op. vitreous.
1024 shale & limestone		1856	chert & dolo. as above strks green-gry shale
1100 limestone w/shale streaks		1863	limestone, lgt gry, subxyln. Some lgt gry finely sucrose dolo. Chert as above
Sample log 1100 to T.D.		1883	dolo., tan to lgt brown, sft, finely xyln, possibly some porosity, vy much blue-gry opaque chert. No show Strks drk gry & blk shale
1103 limestone gry to tan finely xyln		1888	chert & limestone as above, some dolomite as above.
1106 shale green		1906	shale, gry
1112 limestone lgt tan, finely xyln, possibly some porosity. Possible trace stain		1907	limestone, gry, subxyln to dns, less chert-blue to gry vitreous opaque dolo., white to greenish wht, finely sucrose. Chert wht to amber transl. Some wht devitrified. Drker green-gry dolo. at btm.
1115 shale black		1942	limestone lgt gry to green-gry dns, some chert as above
1127 limestone, wht to tan, finely xyln to subxyln		1970	limestone as above, some green dnse shaly limestone & green calcareous shale, Possibly thin shale strks gry green & blk
1132 shale, brown & gry		1983	shale, gry-green, tr. brown. Tr. lgt lgt green, leached sdy shale.
1141 limestone, lgt brown to tan dnse.		2000	limestone, wht to lgt gry, chalky to finely xyln crinoidal
1141 limestone, lgt brown to tan dnse.		2005	shale drk gry to brown-blk. Oily odor throuout.
1153 shale, gry to drk gry		20-14	
1185 limestone, drk gry brown shaly; some brown to tan finely xyln			
1240 shale drk gry silty, some green shale w/trace fine shaly sand near bottom			
1244 limestone lgt brown dns.			
1248 shale, gray			
1252 limestone wht to lgt tan dns to finely xyln			
1270 shale, gry-green, slightly sdy			
1282 limestone tan dns to subxyln			
1300 sand fine, gry, micaceous, very silty. Slight oil stain in top part			
1344 sand, submed., ang. gry to brown			
1348 limestone brown, finely xyln			
1354 shale, gry			
1370 limestone light tan, dense			
1376 shale, gry			
1384 limestone as above			
1398 shale, blk to gry w/thin strks limestone, crm to tan finely xyln			
1414 limestone as above. Trace lgt brown translucent chert.			
1429 shale, sft, blk; trace coal			
1432 limestone, drk gry brown dns.			
1486 shale, gry, trace fine gry shaly sand. Poss. tr. oil stn at btm			
1498 sand, brown, fine ang. shale strks			
1522 shale, green-gry; much fine green siltstone			
1529 limestone, tan subxyln, fossiliferous Strk coal at bottom			
1570 shale, gry-green			
1580 shale, blk			
1610 shale, green-gry, some green siltst.			
1627 shale, gry, green-gry, trace brown			
1633 shale, drk gry to blk			
1644 shale, as above			

(Over)

2017 limestone green-gry dns
2045 shale, brown blk, sft, micaceous. Took no cores on this well and did not
Some blk spores at bottom run an electric log.
2046 sand wht, quartzitic, pyritic,
glaucousitic.. No show.
2050 dolo. gry to gry-brown, finely xyln
porous. Chert blue-wht vitreous
translucent. No odor. No show.
Very slight tr. stn at top.
2057 dolo. lgt brown, coarsely xyln,
massive. Some vug. porosity
No show.
2064 dolo. drker brown, xyln to crsly
xyln, rhombohedral, much tripolitic
cement. Vug. poro. Dolo. finer
xyln, drusy quartz & wht oolitic
chert near btm. No show.
2067 dolo., red, inc. in oolitic chert.
2073 dolo., brown to gry, finely xyln
2099 dolo. lgt tan to lgt gry finely
xyln to sucrose. Slightly sdy good
vug. poro. Much chert, wht transl.
to glassy. Much wht, op., devitri-
fied to semi-vitrous. No show
2118 dolo. brown to drk brown coarsely
xyln. Massive to rhombohedral.
Some chert wht vitreous, op. Fair
vug. poro. No show.
2142 dolo. lgt tan to lgt gry, finely
xyln to finely sucrose, chert wht
vitreous opaque.
2144 shale lgt green sdy
2164 dolo. tan to lgt brown, finely
xyln to xyln, good vug. poro., less
chert, some chert, dove gry op.
oolitic. No Show
2170 dolo. lgt tan, finely xyln to finely
sucrose, very little poro. or
chert.
2174. dolo., tan sucrose, sandy
2185 dolo. brown xyln good vug. poro.
No show.
2197 dolo. tan finely xyln to sucrose,
less, poro., trace chert. No show
2214 dolo. as above, much chert, blue-
gry opaque. Possibly some poro.
No show.

Total Depth

Tops:

961 Approximate to Kansas City limest.
(by correlation)
1141 Base Kansas City
1153 Checkerboard
1140-52 Altamont
1270 Pawnee
1282-1344 Peru
1344-1444 Ft. Scott
1444-32 Breezy Hill Zone
1522 Ardmore
1644 Bartlesville
1724 Mississippi
Cowley formation
1762 Possibly Meramec
1769 Osage
1983 Kinderhook
2005 Chattanooga
2045 Misener
2046 Arbuckle

Drill Stem Test Data:

Mississippi:

1763-90 Open 1½ hrs., Good blow through-
out test. Gas to surface in
50 minutes. Recovered 155'
slightly oil & gas cut mud, 390'
slightly oil & gas cut salt water
IFP 30 # PSI, FFP 280# PSI, BHP 560# PSI (shut in 20 mins)