GEOLOGICAL REPORT

C & G Drilling, Inc

Larcom #2

NW NE SW NE Section 16-T26S-R8E

Butler County, Kansas

ELEV: GL 1378' KB 1383'
OPERATOR: C & G DRILLING, INC.
CONTRACTOR: C & G DRILLING, INC.
COMMENCED: 5/18/04
COMPLETED: 5/25/04
SURFACE PIPE: 8 5/8"
SIZE OF HOLE: 7 7/8"
CEMENTED WITH: 160 SX
LONG STRING: 5 1/2"
CEMENTED WITH: 145 SX
R.T.D.: 2975'
LOGS: PIT CUTTINGS ONLY
FIELD: Dorms
MUD SYSTEM: Chemical
CHOKE:

William M. Reed
Geologist

FORMATION TOPS

1367 G.L. 1378 K.B.

	Sample	Log
Kansas City	1778 -400	1780 -402
Base Kansas City	1932 -554	1936 -558
Ardmore	2291 -913	2294 -916
Cattleman	2307 -929	2310 -932
Bartlesville	2404 -1026	2406 -1028
Mississippi Lime	2510 -1132	2510 -1132
Kinderhook	2830 -1452	2831 -1453
Viola	2900 -1522	2900 -1522
Simpson	2927 -1549	2726 -1548
Arbuckle	2935 -1557	2936 -1558
Total Depth	2975 -1597	2976 -1598

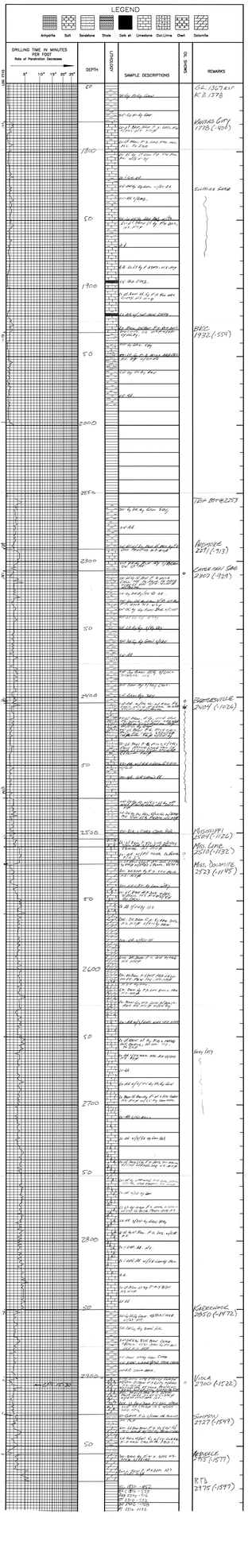
SAMPLE SHOW DESCRIPTIONS

Cattleman Sand 2307' (-929)
2307' - 2314'
Sandstone - light gray, light brown, fine grain, micaceous, calcareous, hard, trace friable, faint odor, scattered light stain, show free oil, scattered porosity with fluorescence.

Bartlesville Sand 2404' (-1026)
2404' - 2474'
Sandstone - light brown, fine grain, micaceous, some calcareous, friable, abundant loose grains toward bottom, good odor, light stain, saturated in part, good show free oil with gas bubbles, fair to good porosity with fluorescence.

Mississippi Lime 2510' (-1132)
2510' - 2523'
Limestone - light brown, light gray, fine to medium crystalline, dense, faint odor, very slight show free oil, trace vugular porosity with stain and fluorescence.

Viola 2900' (-1522)
2901' - 2905'
Chert - white, opaque, mostly fresh, with dolomite - light brown, fine crystalline, faint odor, few scattered vugs. with light stain, no other shows.

CONCLUSIONS

The decision was made to set and cement 5 ½" casing to further evaluate the Bartlesville Sand through perforations.