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November 10, 1970

GEOLOGIC REPORT

Don Pratt No. 4 George Nickelson
NE SE SE 29-9-24W
Graham County, Kansas
Commenced: 11/2/70
Completed: 11/10/70

Pipe Record:
8 5/8 @ 252' w/150 sacks
4½ @ 4138' w/225 sacks
Anhydrite: 2212-49
Drilled by: Dreiling Rig 1

ELEVATION 2551 K.B.
2546 Ground 2548 D.F.

FORMATION DATA
(Corrected to Welex Log)

FORMATION	MINUS DATA	DEPTH
Topeka	-1081	3632
Heebner	-1299	3850
Toronto	-1323	3874
Lansing	-1334	3885
Kansas City Base	-1563	4114
Total Depth	-1611	4162

NOTICE: From 3186-93 calculates 20 to 22% porosity and 21 to 25% water. Test the top 2 feet if you have a cement job before abandoning unless other wells, which look better on this bench, have already condemned it.

Cores: None
Electric Logs: Welex Radiation-Guard-Frac Finder
Drill Stem Tests: Five (Depths not corrected to Welex Log)

FORMATION DESCRIPTION
(Depths Corrected to Welex Log)

NOTICE: This well was two feet lower on Welex tops, compared with drill time log tops (eg.) T.D. drilled 4160 feet. This well thinned two feet from "G" base to total depth compared with No. 3.

Topeka 3632-3850:
There was ample porosity but I did not find any oil shows. There were two places with positive calculations (3758-60 and 3799-3802). Both were parts of continuous benches which are very wet below the calculations.

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