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WICHITA 2, KANSAS

GEOLOGICAL WELL REPORT

BRUNSON-SPINES #1 PEOPLES

C NE SW, SECTION 29-T14S-R12E

WILDCAT

WABAUNSEE COUNTY, KANSAS

By

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Brunson-Spines #1 Peoples
C NE SW, Section 29-T14S-R12E
Wildcat
Wabaunsee County, Kansas

Contractor: Blackstone Drilling, Inc.
Spud: Cable Tool Surface Hole 11-20-63
Rotary under Surface 12-6-63
8-5/8" @ 203'
Completed as dry hole: 12-13-63
Total Depth: 3020'

Brunson-Spines
302 Union Center
Wichita, Kansas

Gentlemen:

Following are the pertinent geological tops and an evaluation of the porosities encountered in the captioned well. No drill stem tests were taken and the hole was not logged electrically before abandonment.

I arrived at the location at a depth of 2695 and witnessed the drilling from that point to total depth of 3020. Samples were examined from 1300-1750, and 2350 to total depth.

Enclosed, herewith, is a copy of the plotted drilling time log which also includes lithology, porous zones and other pertinent data.

ELEVATION: 1381 K.B.

LANSING 1354 (+27)

KANSAS CITY 1526 (-145)

Base KANSAS CITY 1721 (-340)

MISSISSIPPIAN LIMESTONE 2385 (-1004)

2410-2424	Dolomite, tan to buff, finely crystalline to sucrosic, non-cherty - some inter-crystalline porosity, no show.
2435-2463	Dolomite, buff, medium crystalline to sucrosic. Good, coarse, cavernous porosity, no show.

OSAGE 2529 (-1148)

2529-2537 Chert, white to gray vitreous, dolomite buff sucrosic, porous, no show.

GILMORE CITY 2599 (-1218)

KINDERHOOK SHALE 2716 (-1335)

MISENER SAND 2874 (-1493)

HUNTON 2876 (-1495)

2876-2890 Chert, white to blue-gray, vitreous, little fracture porosity. Dolomite, tan, coarsely crystalline, good cavernous porosity, scattered chert, some tripolitic porous chert. Section carrying dark, heavy oil stains, some free tarry oil in wet samples, fair odor of oil.

2895-2911 Dolomite, white to light gray, medium crystalline to dense with streaks of good cavernous porosity, no show.

MAQUOKETA 2939 (-1558)

VIOLA 3010 (-1629)

3010-3020 Dolomite, white to light gray mottled, coarsely crystalline. Good porosity, scattered dark oil stains, some free, dark heavy oil in wet samples. Much "white porosity" indicating water. Fair odor of oil.

TOTAL DEPTH 3020

CONCLUSIONS AND RECOMMENDATIONS

Structurally, the subject well held up, compared to the producing locations $3/8$ mile northeast until the Hunton was reached. At the top of the Kinderhook Shale, a favorable structural comparison could be made. From the top of the Kinderhook downward, thickening took place so that on the Hunton the well appeared normal to slightly low structurally. Thickening in the Hunton and Maquoketa sections further lower the Viola top in relation to the producing area to the northeast. At the Viola

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the well was considered structurally too low to produce from that horizon, being 8 feet lower on the Viola than the lowest producing well.

Since the well was unfavorably low, and no commercial "shows of oil" were encountered, it was recommended that the test be abandoned as a dry hole.

Yours very truly,

T. G. WRIGHT

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BIT RECORD

Reed	YSI	Retip	200-860
Hughes	OWVI	"	860-1532
Hughes	OWL	"	1532-1663
Hughes	OWV	"	1663-2105
Hughes	OWV	"	2105-2405
Hughes	R4J		2405-2518
Reed	YHWG		2518-2587
Reed	YHG		2587-2668
Hughes	OWVI		2668-2691
Reed	YHG		2691-2722
Reed	YHG		2894-3020 T.D.

DRILLING PROGRESSS

12-6-63	Move in rotary, 8-5/8" previously set at 203'
12-9-63	2215
12-10-63	2522
12-11-63	2665
12-12-63	2811
12-13-63	3020 T.D.