

JUNE 14, 1978

GEOLOGICAL WELL REPORT

Brunson-Spines (Last Chance Pool)
#5 W. Jones, SE SW NW Section
6-T19S-R15E, Coffey County, Kansas
Contractor: Alco Drilling Co., Inc.
Spud: June 8, 1978
7" Surface Casing @ 50'
Rotary Completion: June 11, 1978
Total Depth: 1560' (Rotary)
GRN Log to 1552' In Open Hole

BRUNSON-SPINES, INC.
615 Fourth Financial Center
Wichita, Kansas 67202

Gentlemen:

Listed below are the pertinent geological tops, an evaluation of the porosities encountered, and a record of all tests taken. The hole was logged mechanically before being cased.

I arrived at the location at a depth of 1425' and witnessed the drilling from that point to TD 1560'. Samples were examined from 900-1000' and 1400-1560' TD.

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

GRN LOG TOPS

ELEVATION	1139'	(Private Elevation)
HEEBNER SHALE	283	(+ 856)
DOUGLAS	308	(+ 831)
LANSING	619	(+ 520)
KANSAS CITY	802	(+ 337)
SWOPE LIMESTONE	972	(+ 167)

972-977 Limestone, buff, coarsely oolitic and calcitic. Good porosity, no show, no fluorescence.

E. B. WRIGHT DONATION
8995

Brunson-Spines
#5 W. Jones,
Coffey County, Kansas

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BASE OF KANSAS CITY	1022 (+ 117)
PAWNEE	1181 (- 42)
CHEROKEE	1299 (- 160)
BARTLESVILLE SANDSTONE	1496 - 1560 TD.
1496-1505	Sandstone, medium fine, clustered, calcareous to fairly clean. Fair porosity, scattered oil staining and fluorescence. No odor.
1505-1510	Sandstone, medium fine, clustered, fairly clean, fair porosity, scattered stains, trace free oil, fair odor, fair fluorescence.

DRILL STEM TEST #1 1395 - 1510

30" - 30" - 30" - 30"

Weak to very weak blow for 15 mins. into first open period and died. No blow in second open period.

Recovered: 50 feet of slightly oil cut mud, slight show of free oil. No evidence of water.

IFP 35#,	FFP 35#
ISIP 480#/30 mins.	FSIP 470#/30 mins.

Still building slightly.

1510-1560TD Sandstone, medium fine to medium grained, clustered, porous to loose grained. Good porosity, no show.

TOTAL DEPTH: 1560'

Conclusions and Recommendations

The top of the Bartlesville Sand in this well was encountered at 1496 (- 357), but the good reservoir was not reached until -373 which was too low to produce, judging from past production history in the Last Chance Pool. A drill stem test of the upper 14 feet of sand yielded 50 feet of mud with only a slight show of oil, not judged a commercial "show".

Due to the disappointing structural relationship, it was recommended that the well be abandoned as a dry hole.

Yours very truly,

TGW:wlr

T. G. WRIGHT

DRILLING PROGRESS

6/8/78	Spud	
6/9	740	
6/10	1453	
6/11	1560	TD

BIT RECORD

SMITH F₂ 50 - 1560 TD