

September 6, 1977

GEOLOGICAL WELL REPORT

Little George Oil Company - D.W. Evans #2
NE SE NE Section 1-T19S-R14E
Last Chance Pool, Coffey County, Kansas
Alco Drilling Co., Inc. - Contractor
Spud: August 29, 1977
7" Surface Casing @ 48'
Rotary Completion: Sept. 1, 1977
Total Depth: 1740' (Rotary)
GRN Log 1733' in Drill Pipe

Little George Oil Co.
Suite 680 Fourth Financial Center
Wichita, Kansas 67202

Gentlemen:

Listed below are the pertinent geological tops and an evaluation of the porosities encountered. No drill stem tests were taken but the hole was logged mechanically before being cased.

I arrived at the location at a depth of 1396' and witnessed the drilling from that point to TD 1740'. Samples were examined from 1050-1740' TD.

Enclosed herewith is a copy of the plotted drilling time log from 600-1740'TD which also includes lithology, porous zones, tops, and other pertinent data.

GRN LOG TOPS

ELEVATION	1146'	GL (Private Elevation)
HEEBNER SHALE	304	(+ 842)
DOUGLAS	338	(- 808)
LANSING	644	(+ 502)
KANSAS CITY	826	(+ 320)
BASE OF KANSAS CITY	1047	(+ 99)

1
G. WRIGHT
1977
DONATION

PAWNEE		1205 (- 59)	
CHEROKEE		1328 (-182)	
L. SQUIRREL SAND	1360-69		Fine, gray, dirty sandstone.
CATTLEMEN ZONE		1421 (- 275)	
BARTLESVILLE SAND		1530 (- 384)	
	1530-47		Sandstone, fine, micaceous, clustered, in part fairly clean and porous. No show, no fluorescence.
	1547-72		Clean, white, clustered, medium fine porous sandstone, no show.
MISSISSIPPI LIMESTONE		1722 (- 576)	
	1731-40		Dolomite, buff, medium crystalline to sucrosic. Good, coarse, cavernous porosity, no show.

Conclusions and Recommendations

The subject well is lower structurally than other wells in the vicinity. This is true for both the Pennsylvanian markers and on top of the Mississippian Limestone, however the condemning condition is the poor development of Bartlesville Sand which is much thinner than the offset producer #2 Jones to the east and due to change in lithology within the Bartlesville. The top of the sand is more than 30 feet lower than expected to produce.

Due to the lack of "shows" and the low structural position of the well, it was recommended plugged as a dry hole.

Yours very truly,

T. G. Wright

TGW:wlr

DRILLING PROGRESS

8/29/77	Spud		
8/30	538		
8/31	1375		
9/1/77	1740	TD	D&A

BIT RECORD

SMITH	F ₂	(4347n)	42' - 1740'
-------	----------------	---------	-------------