

T. G. WRIGHT

Consulting Geologist

620 FOURTH FINANCIAL CENTER

WICHITA, KANSAS 67202

March 16, 1976

GEOLOGICAL WELL REPORT

Brunson-Spines & Magnum Land Corporation

#1 Doty NW NW SE Section 27-T19S-R13E

Wildcat, Lyon County, Kansas

Spud: March 6, 1976

7" Surface Casing @ 102'

Completed as Dry Hole: March 12, 1976

Total Depth: 2314'

2310' GRN in Drill Pipe

Brunson-Spines
615 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. The hole was logged electrically before abandonment, that data included herein.

I arrived at the location at a depth of 1135' and witnessed the drilling from that point to TD 2314'. Samples were examined from 750-2314' TD.

Enclosed herewith is a copy of the plotted drilling time log from 100-2314' TD which also includes lithology, geologic tops, porous zones and other pertinent data.

GRN LOG TOPS

ELEVATION	1130 G.L. (Private Elevation)
HEEBNER	437 (+ 693)
DOUGLAS	478 (+ 652)
LANSING	782 (+ 348)
KANSAS CITY	1047 (+ 83)
BASE OF KANSAS CITY	1172 (- 42)
ALTAMONT	1325 (- 195)
PAWNEE	1369 (- 239)

T. G. WRIGHT DONATION

1995

Brunson-Spines & Magnum Land Corp.
#1 Doty

-2-

March 16, 1976

CHEROKEE	1454 (- 324)
L. SQUIRREL ZONE 1496-1500 Fine, dirty, very micaceous sandstone.	
MISSISSIPPIAN LIMESTONE	1802 (- 672)
OSAGE	1974 (- 844)
CHOTEAU	2047 (- 917)
KINDERHOOK SHALE	2171 (-1041)
BASE OF CHATTANOOGA SHALE - HUNTON	2252 (-1122)
2284-96	Chert, white, tripolitic, porous, no show, with white vitreous chert and white dolomitic limestone, minor porosity, no show.
2298-2314 TD	Dolomite, white to light blue-gray, very coarsely crystalline, streaks of excellent cavernous porosity, no show.
TOTAL DEPTH	2314 Rotary 2310 Logged in Drill Pipe

CONCLUSIONS AND RECOMMENDATIONS

The subject well is located 1 1/4 miles north-northwest of a dry hole drilled by Magnum Land Corporation in mid 1975, and 1 3/4 miles northwest of a dry hole drilled by Icer Addis on a Little George Oil farmout. Being basinward from each of these holes the #1 Doty checks lower structurally than either of the two dry holes to the south and southeast, and encountered a considerably thicker section of Pre-Chattanooga rocks than the above mentioned dry holes.

The test encountered no shows of oil, and at total depth, we were losing considerable drilling fluid in the Hunton. Considering the low relative structural position of the test and hazard of drilling further, it was decided to abandon the well before reaching Simpson or Arbuckle rocks.

Yours very truly,

T. G. Wright

TGW:bf

DRILLING PROGRESS

3- 6	SPUD		
3- 7	103		
3- 8	951		
3- 9	1347		
3-10	1894		
3-11	2175		
3-12	2314	TD	D&A

BIT RECORD

WILLIAMS	103- 821		
WILLIAMS	821-1162		
SFS	1162-1787		
SMITH F-5	1787-2314	TD	

1130
1215
1255
20

BC-50
ML-700
TD-750

TD-805
BC-71
ML-720

19-13

WRIGHT DONATION
WRIGHT
1900

NEOSHO RAPIDS

BC-126
Est-M-700

M-621
BC-H-1122
TD-1184

WICK
1914
BC-7
M-617
BC-1070
TD-1132

BC-87
M-600
TD-670

BC-40
M-600
BC-1109
TD-1100
A-100
TD-1100

BC-12
M-600
BC-1000
TD-1000
A-100
TD-1000

M-600

M-700
TD-707

M-600
BC-1000
TD-1000
A-100
TD-1000

BC-40
TD-406

M-600

HARTFORD

20 13

M-700?

BC-1169

BC-40
M-600
TD-600

BC-1069

BC-40
M-600
BC-1000
TD-1000
A-100
TD-1000