T. G. WRIGHT
CONSULTING GEOLOGIST
805 VICKERS - KSB&T BLDG.
WICHITA, KANSAS 67202

T. G. WRIGHT DONATION 1995

October 10, 1972

GEOLOGICAL WELL REPORT
Brunson & Spines #1 Dempsey
C N/2 NW SE Section 9-T. 21S-
R. 14E., Pieratt Area, Coffey
County, Kansas
Contractor: Jackman & Jackman
Spud: October 3, 1972
8 5/8" Surface Casing @ 152'
Completed as dry hole October 7, 1972
Total Depth: 2014'

Brunson-Spines
800 Vickers-KSB & T Bldg.
Wichita, Kansas 67202

Gentlemen:

Listed below are the pertinent geologic tops, an evaluation of the porosities encountered and a record of all tests made at the captioned well.

I arrived at the location at a depth of 1200 feet and witnessed the drilling from that point to 2014' T.D. Samples were examined from 1200' to 2014' T.D. The hole was not logged electrically before abandonment.

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

SAMPLE TOPS

ELEVATION:	1157 K.B.
LANSING:	605 (+ 552)
BASE OF KANSAS CITY	1015 (+ 142)
MARMATON LIMESTONE	1135 (+ 22)
SQUIRREL SAND	not developed
MISSISSIPPIAN LIMESTONE	1664 (- 507)

OSAGE	1735	(- 578)
CHOTEAU	1809	(- 652)
KINDERHOOK SHALE	1930	(- 773)
VIOLA	2002	(- 845)

2002-07 Dolomite, tan to buff, finely crystalline to very coarsely crystalline, vuggy, extremely porous, scattered coarse sand included, trace of clustered, clean, oil stained sand. Good odor, good show of oil.

DST #1 2002-08, Tool open, 1-1/2 hrs.,
weak blow for 10 minutes and died.
Shut in 30 minutes.
Recovered 10 feet of mud, no show of oil or water.
FFP O# FBHP 265#/ 30 minutes.

SIMPSON SAND	2007	(-850)

2010-14 Sandstone, medium grained, rounded, loose grained to loosely cemented, apparent porosity, good stain of dark oil, some asphaltic residue.

DST #2 2003-14, Tool open 1-1/2 hrs.,
Very weak blow.
Shut in 30 minutes.
Recovered 15 feet of mud with specks of oil.
FFP 25#, FBHP 548#/30 minutes.

TOTAL DEPTH: 2014'

Conclusions & Recommendations

The subject well is adjacent to other tests in the area. Our structural position appeared normal. We encountered encouraging shows of oil in Viola and Simpson but each was condemned by drill stem tests. On the basis of the tests, casing was not considered advisable. the hole was recommended plugged.

Yours very truly,

T. G. Wright

TGW:wlr

BIT RECORD

Hughes	OW4J	Retip	900
Smith	D2J	Retip	900-1255
Security	S47J	Retip	1255-1570
Reed	FCS5J	Rerun	1570-1976
Security	M4N	Retip	1976-2008
Button		Rebuilt	2008-2014

DRILLING PROGRESS

10/3/72	Spud	
10/4	800	
10/5	1570	
10/6	1940	
10/7	2014	T.D. D&A

Company Date 10-7-72

Brunson Spires

Lease & Well No. Dempsey

Tested by Willis

D.S.T. No. 2 TD 2014

Interval Tested From 2003 To 2014

Mud Wt. 9.3 Vis. 47

Hole Size 7 7/8 D.P. D.C.

Surface Choke 1/4 B.H. Choke 3/4

Tool Open M. Surface Pressure

and/or Blow Very Weak

Tool Open 1 Hrs. 30 Min.

Initial Shut-In Hr. 30 Min.

Final Shut-In Hrs. Min.

Fluid Recovered 15' Ft.

Oil Specked Mud

I.Hyd.P. 960 I.C.I.P. 548 I.F.P. 0

F.F.P. 25 F.C.I.P. F.Hyd.P.

Max. Temp. F. O.K. ✓ Mis-Run

Type Anchor Used

Remarks

HOWCO 1405

Company Date 10-6-72

Brunson Spires

Lease & Well No. Dempsey

Tested by Willis

D.S.T. No. 1 TD 2008

Interval Tested From 2002 To 2008

Mud Wt. 9.8 Vis. 47

Hole Size 7 7/8 D.P. 3½ D.C. 6"

Surface Choke 1/4" B.H. Choke 3/4"

Tool Open M. Surface Pressure

and/or Blow Very Weak 10 min

Tool Open 1 Hrs. 30 Min.

Initial Shut-In Hr. 30 Min.

Final Shut-In Hrs. Min.

Fluid Recovered Ft.

10' Drilling Mud

I.Hyd.P. 960 I.C.I.P. 265 I.F.P. 0

F.F.P. 0 F.C.I.P. F.Hyd.P.

Max. Temp. F. O.K. ✓ Mis-Run

Type Anchor Used

Remarks

HOWCO 1405