

F.W. MORGAN
GEOLOGIST

WICHITA OFFICE 685 - 6361

1721 PARKWOOD LANE WICHITA, KANSAS 67218
Oct. 30, 1976

FREDONIA OFFICE 378 - 3056

Watson Petroleum, Inc.
403 Hillcrest
Wichita, Kansas

Re: Your No.1 Baird
Sec. 30-34S-6E
Cowley County, Kansas

Gentlemen:

Enclosed is my geological log on the Baird Well. On the log are sample descriptions, formation tops, drilling time, porous zones and shows of oil and gas. This well ran 5 feet low on the Iatan, shallowest reliable marker, and thickened as we got deeper so that is considerably lower on the Mississippian.

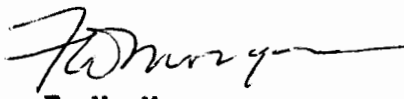
Although there were minor shows in the Layton and Marmaton, the Commercial show was in the Mississippian. Log calculations in this chert porosity are:

3188 - 3190	- 20 %	porosity	and	47 %	water	saturation.
3190 - 3194	- 27 %	"	"	45 %	"	"
3194 - 3195	- 30 %	"	"	46 %	"	"

No calculations were made below 3195 due to log limits, but the zone calculated appeared best in samples. The Olympic well to the northeast had porosity of 24% and water saturation of 51% to 60% in the zone calculated here.

It appears that this well will be completed as a producer since we had excellent porosity and oil and gas shows in the samples, and electric log calculations were favorable. Casing was cemented at 3185 feet.

Sincerely,


F. W. Morgan