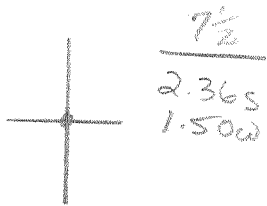


LATITUDE

39°12'30"

80°07'30"

LONGITUDE



7.5 OGIS topo location

7.5' loc _____

15' loc _____
(calc.) _____

Company Hope

Farm J.S. Zinn (5322)

Quad Brownston 7.5

County Barbour

District E1K

WELL LOCATION MAP

File No. 001- 1 A

ZINN, J. S., NO. 5322.

Bar-1-A.

By Hope Natural Gas Co.

Elk Dist.

(NO PLAT)

Wky. Drilling App. Record of Hope N.G. Co. (HNC)
Ref. on pp. 21-23. of vol. V4.

Brownston 7.5