F. W. MORGAN

P.O. BOX 18602 WICHITA, KANSAS 67218

Jan. 16, 1984

WICHITA OFFICE 685-6361 COYVILLE OFFICE 692-5473

Razook Oil Compamy
R. R. # 4
Augusta, Kansas, 67010

Re; No. 3-a Born Sec. 34-34S-5E Cowley County, Ks.

Gentlemen:

Enclosed is my geological log on the 3-A Born well. The Cleveland Sand main body is 3 feet lower than No. 2-A (see comparisons on report on 2-A. It is 18 feet lower than the main body of McNeish's No. 1 Zang "A".

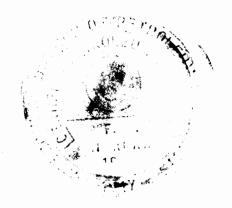
There was an excellent show of oil/gas in the Cleveland Zone at 2587-2592'. I recommend perforating this zone. There was also an excellent show of oil/gas in the main body from 2605-2622'. This should also be perforated. These intervals are subject to GR-N log correlation.

For disposal and/or water supply the Lower Stalnaker (2000-2060' is available, and the Layton from 2267-2378' and 2412-2452' is excellent also.

Casing was run and cemented to test and produce the Cleveland Sand intervals.

Sincerely,

F. W. Morgan





LAUGHLIN-SIMMONS & CO. OF KANSAS, INC.

OIL FIELD SURVEYING

337 NORTH MERIDIAN. SUITE 2
WICHITA, KANSAS 67203

KW1213831

INVOICE NO.

RAZOOK OIL COMPANY

OPERATOR

3-A

Born

Cowley

34 34s 5e

1390'FSL 330'FWL of Section

LOCATION

ELEVATION: 1/30gr

RAZOOK OIL COMPANY Route 4 Box 102 Augusta, Kansas 67010

AUTHORIZED BY: Jim Razook

SCALE: 1" = 1000"

5' wood stake in steeply sloping rocky pasture ingress from the NW through gate flagged J. Razook & G. McAllister present TO "MAPLE CITY" 11/2 miles ito 15 IL VE ROALE.

DUPLICATE