

F. W. MORGAN
GEOLOGIST

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Jan. 16, 1984

WICHITA OFFICE 685-6361
COYVILLE OFFICE 692-5473

Razook Oil Company
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
1337 NORTH MERIDIAN, SUITE 2 (316) 943-5351
WICHITA, KANSAS 67203

KW1213831

INVOICE NO.

RAZOOK OIL COMPANY

3-A

Born

OPERATOR

NO

FARM

Cowley

34

34s

5e

1390' FSL 330' FWL of Section

COUNTY

S

T

R

LOCATION

ELEVATION: 1130gr



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

34

TO "MAPLE
CITY"

1 1/2 miles to
"SILVERDALE"

STAKE

3A

1390'

gate

DUPLICATE