

C. W. SMITH  
PETROLEUM GEOLOGIST

June 25, 1958

Braden Oil Company  
Box 266  
Hutchinson, Kansas

Re: Braden No. 5 Braden "B"  
SE NE SW 1-20S-6W  
Rice County, Kansas

Gentlemen:

The following is a Geological Report, with a Time Log attached, on the above captioned well.

I was present during the drilling from 3200' to 3323', rotary total depth. Samples were examined from 2700' to rotary total depth.

All formation tops and zones of porosity and staining are based on rotary bushing measurements. Any corrections in measurements during the drilling of this well have been incorporated into this report.

Elevation	1578 DF --- 1580 RB
Lansing-Kansas City	2772 (-1192)
Conglomerate	3299 (-1719)
Mississippian	3315 (-1735)
Rotary Total Depth	3323 (-1743)

Structurally, the No. 5 "B" ran 5' lower, on top of the Mississippi, than the No. 4 "B", one location south; and 13' lower than the No. 2 "B", one location north.

ZONES OF INTEREST

Lansing-Kansas City There were no shows of oil in the Lansing-Kansas City.

Conglomerate There were no sand developments nor shows of oil in the Conglomerate.

Mississippian

3315-3318 Tripolitic porous chert with light oil saturation. Trace of soft green shale.

3318-3323 White opaque chert with traces of edge porosity and stain.

It was recommended that casing be set at 3322', one foot off bottom and seven feet in the Mississippi formation, for further testing.

Sincerely,



C. W. Smith