

15-19-19E

GEOLOGICAL REPORT

Re: ZORGER OIL COMPANY
 Rubick #1
 NW NE NW 15-19-19E
Franklin County, Ka.

Zorger Oil Company
 Union Nat'l. Bldg.
 Wichita, Kansas

Gentlemen:

This report of the captioned well is based on the microscopic examination of the cuttings of this well from 200' to the total depth of 1522'. All measurements were taken from the ground level.

Alco Drlg. Co. of Iola, Kansas commenced drilling this test Apr. 6, and completed it by plugging Apr. 9, 1976. A Gamma Ray-Neutron electric log was run on this hole by Cornigh Services, Chanute, Kansas.

The following tops were picked from the electric log:

Elevation: Ground	986'			
Kansas City	242'	(744)	Ossage	1219' (-233)
Base Kansas City	434'	(552) ^{SS2}	Kinderhook	1422' (-436)
Altamont	645'	(288)	Viola	1473' (-487)
Pawnee	665'	(321)	Simpson	1505' (-519)
Ft. Scott	706'	(280)	Arbuckle	1517' (-531)
Cherokee	752'	(234)	TOTAL DEPTH	1522' (-536)
Mississippian	1170'	(-184)		

The following is a description of the zones of particular interest:

VIOLA 1473' to 1505'

The top 2' of this zone consisted of a hard crystalline granular looking brown dolomite with no show of oil. Beneath this was an 8' zone of mostly large grained, clear to frosted loosely cemented to loose sand grains, with some limestone streaks. A slight odor was noted, with traces of fluorescence and live oil. Mostly a scattered black tarry stain was found in some clusters and on the sand grains. The well rounded grains indicated good porosity throughout the zone. A drill stem test was taken over this interval, with the results recorded on the log of this hole.

SIMPSON 1505' to 1517'

A fine grained loosely cemented quartzitic sand was found here, interspersed with limestone, granular looking and porous. No shows of any kind were found in this section.

ARBUCKLE 1517' to 1522'

A crystalline to slightly sugrosic porous dolomite was found in this zone, with no shows of any kind.

Because of the lack of any indication of production, and the negative results of the drill stem test, it was recommended that this test be plugged, at the total depth of 1522' in the Arbuckle.

Sincerely,

Ivan L. Stuber
 Ivan L. Stuber, Geol.

