

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
<u>"D" Sand</u>	4818	4844	Shaly silt and sand, white, very fine grained, poor to no p&p, clay filled, no shows.
	4844	4882	Sand, white, fine to medium grained, clean, good p&p, no shows.
<u>"J" Sand</u>	4901	4916	Sand, white except for few clusters with slight brown stain in first sample, fine grained, clean to slightly clay filled, fair to good p&p; few clusters with stain had poor watery fluorescence, otherwise no shows.
	4916	4936	Shaly silt and sand, no shows.
	4936	4958	Sand, white, fine grained, heavily clay filled, poor to fair p&p, no shows.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
<u>Formation</u>	<u>Log Depth</u>	<u>Datum</u>
Niobrara	3955	+ 659
Ft. Hays	4366	+ 248
Carlile	4422	+ 192
Greenhorn	4505	+ 109
Bentonite	4728	- 114
"D" Sand	4818	- 204
"J" Sand	4901	- 287
Total Depth	4958	
	4965 (Driller)	