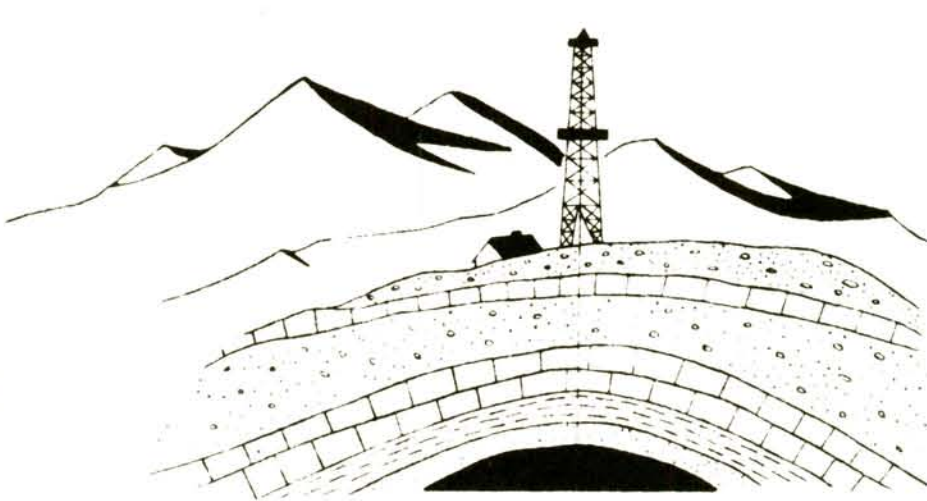
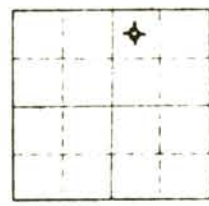


# Northwest Geological Service



LOG NO 192

COMPANY SIGNAL DRILLING & EXPLORATION CO. LEASE AND NO #1 THUESEN  
 STATE OR PROVINCE MONTANA COUNTY SHERIDAN AREA \_\_\_\_\_  
 LOCATION NW NE SEC. 14 T 34N R 57 E GRND ELEV 2157 KB 2168  
 TOTAL DEPTH 7340 SPUDED 8-20-62 COMPLETED 9-6-62  
 REMARKS: Photo Enlargement X10



GEOLOGIC SECTION MISSISSIPPIAN: Charles, Mission Canyon DATE Dec. 1962

GAMMA RAY	DEPTH TESTING	PHOTO - LOG	POROSITY	LATEROLOG	REMARKS
	6600				
	6700				Salt, poor samples.
	6800				Salt w/anh, argil. Salt w/anh, argil. Salt intel anhy & ls. Ls, dns, slty loc, intel salt. Ls, dns, argil, sl slty intel anhy & salt. Ls, dns, argil, sl slty intel anhy & salt. Ls, dns, argil, sl slty, anhy xls, intel anhy & salt. Ls, dns, argil, intel anhy. Salt w/ls, argil & anhy. Salt. Salt w/anh, argil. Salt.
	6900				Ls, dns, anhy xls, f/anh xls, tr ostr, w/salt & anhy incl. Ls, dns, argil, fosif loc. Ls, dns, s/c-ltc, slty, argil, sl por. Ls, dns, s/slty, argil, f/ools, w/anh & salt incl. Ls, fosif, ostr, oolte, slty, sl por. Salt, intel anhy, argil. Anhy, argil, sdy, intel ls & salt. Anhy, argil, slty, s/dolo, sdy. Anhy, argil, dolotc w/dolo & ls, w/salt incl. Ls, dns, anhy xls, salt incl. Anhy, dns, argil, slty s/dolo, argil. Ls, dns, f/fos, bryon, argil, salt & anhy incl. Ls, dns, s/fosif, argil. Anhy, argil, sl sdy, dolotc s/dolo. Anhy, dns, argil s/ss. Ls, oolte, f/fos, ostr, anhytc. Anhy, argil, sdy, dolotc. Ls, oolte, anhytc, w/ls, argil, intel anhy. Anhy, dns, argil, s/ls, argil. Anhy, dns, argil, slty, dolotc. Anhy, dns, argil, dolotc, tr ss. ?Salt, intel anhy. Anhy, dns, argil, sl slty. ?Salt, intel anhy & dolo, slty. Ls, c-ltc, fos frgs, calcisphaeres, anhytc. Anhy, argil, dolotc, slty, salt incl. Ls, mud, sl peld, f/ostr, anhytc. Ls, mud, fn peld, s/alg, anhytc, sl por. No Recovery.
	7000				Ls, mud, peld, f/piso, xln clc, s/xln anhy, fair por. Ls, fosif, brach, crin, argil. Ls, peld, alg, mud, xln clc, ostr, fair por. Ls, subchky, argil, dolotc, fair por. Ls, mud, sl peld, tr fos frgs, ostr, calcisphaere, sl por. Ls as abv.
	7100				Ls, fnly fosif, c-ltc, chky, dolotc sl por. Ls, fos frgtl, brach, argil, sl slty. Ls, mud, sl peld, xln clc, sl por. Ls, c-l, slty, argil, f/fos frgs. Ls, fos frgtl, brach, crin, foram slty. Ls, fos frgtl, bryon, brach, crin, sl c-ctc & c-ltc, argil.
	7200				
	7300				