e Mortinget Teological Service LOG NO. 245 CARDINAL PETRO. CO. LEASE AND NO. #1 HAGEN-OLSON COMPANY_ ____county___SHERIDAN MONTANA STATE OR PROVINCE LOCATION SE SE SEC. 23 T. 37N R. 57E GRND. ELEV. 2235' KB. 2244' TOTAL DEPTH 6600' SPUDDED 8-20-63 COMPLETED 9-15-63 REMARKS: Photo Enlargement X IO MISSISSIPPIAN: Charles DATE **Mar. 1964** GEOLOGIC SECTION. Depth LATEROLOG PHOTO - LOG REMARKS Testing 6000 Salt, intcl anhy & sh. Dolo, chky, slty, argil, salt incls. Salt, strks dolo, as abv, s/ anhy. Salt. Salt, w/anhy, argil & dolo, slty. Anhy, argil, salt incls, strks dolo, slty. Salt. Ls, dns, sl argil, intcl anhy, anhy xls. Anhy, acicular, intel ls, m/salt. 6100 Anhy, acicular, dns, m/ls, dns, tr fn fos frgs, tr ools. Ls, dns, argil, anhyte, intel anhy, strks slst. Ls, dns, argil, tr ools, salt & anhy incls. Anhy, acicular, argil, salt incls, strks slst & 1s. ?Salt, intcl anhy, strks dolo, Ls, dns, argil, ahhy xls, salt incls. No Sample Ls, e-ltc, fn fos frgs, slty, argil, anhy incls. 6200 Ls, c-etc loc, f/fos frys, f/ ools, intel anhy, salt incls. Ls, dns, argil, salt incls. Ls,c-ltc loc,slty,argil,tr fos frgs, salt mat. Dolo, argil, strks ls & anhy. ?Salt, m/anhy, dms, argil, pyr. Anhy, argil, strks dolo & sh. Anhy, w/argil, dolotc. Ls, dns, anhy xls, intcl anhy. ?Salt, intcl anhy argil, strks ls,c-ctc. 6300 Anhy, acicular, dns, m/salt, tr intel 1s. Anhy, acicular, intel salt, tr ls grs. Ls, subchky, sl dolote, argil, sile, tr ch, sl chky por. Ls, fnly foslf, s/lime mud, chky loc, dolote, sl por. Anhy, acicular, dns, strks dolo Anhy, argil, dns, sdy, strks ss. ?Salt, intcl anhy, argil. Ls, anhyte, chky loc, dolote, slty, fnly foslf, grdg to dolo, Ls, argil, frgtl, reworked lime mud, anhy, sl slty, dolote, sl Anhy, argil, dns, dolote, strks 6400 dolo, argil. Anhy, as abv. Anhy, argil, dolote, strks dolo, argil, sl sdy. Anhy, argil, dolote, sl slty, strks dolo & ls, argil. Anhy, argil, dolote, sl slty. Ls, anhytc, argil, fn fos frgs, Ls, argil, s/c-l, f/calcisphaeres Anhy, argil, dolote, sl slty, strks ls, mud, s/c-1. Ls, mud, dns to subchky, f/fos frgs, anhyte, sl sdy. Dolo, chky, argil, sl por. ·Ls, mud, f/ostr, argil, tr xln clc. 2 W M Is, chky, v dolote, tr fos frgs, sl por. 0 Ls, c-c, f/pols, tr ostr frgs, s/xln anhy mat, fair por. Ls, peld, fn fos frgs, dolote, tr W xln anhy, sl por intbd ls, M argil, spcls, conodonts frgs. G Ls, piso, alg, s/peld, m/xln anhy, sl por. Ls, alg, piso, peld, m/xln clc, tr

xln anhy, fair por.

anhy, sl por.

argil.

sec anhy.

slty, byr.

6591-92.

frgs, sl por.

argil, dolote loc.
Dolo, argil, slty, pyr.

Ls, subchky, fnly foslf, calcisphaeres, spcls, sl doloto, sl

Anhy, xln, qtz xls, intcl ls, c-ctc, s/metasomatic, strks ls,

mud, argil. Ls, mud, peld loc, m/sec anhy,

Dolo, argil, anhytc, anhy incls. Ls, mud, peld, argil, f/ostr, m/

Dolo, chky, argil, sl anhyte, sl

Ls, chiry, dolote, argil, f/fos

Ls, fnly foslf, brach, bryon,

Ls, foslf, brach, ostr, spcls, argil, strks ls, fos fratl;

Ls,c-ctc,dtrl piso,ools, calcisphaeres,tr alg, m/xln