

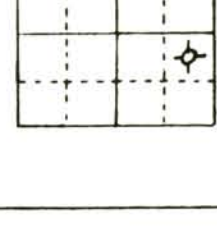
Northwest Geological Service



LOG NO. 199

COMPANY **AMERADA PETROLEUM CORP.** LEASE AND NO. **#1 EMILSON**

STATE OR PROVINCE **MONTANA** COUNTY **SHERIDAN** AREA **OUTLOOK**



LOCATION **C NE SE** SEC. **12** T. **36N.** R. **53E.** GRND. ELEV. **2356'** D.F. **2366'**

TOTAL DEPTH **10,250'** SPUDDED **9-5-57** COMPLETED **10-27-57**

REMARKS: **Photo Enlargement X10**

GEOLOGIC SECTION **MISSISSIPPIAN: Charles, Mission Canyon, Lodgepole** DATE **Mar. 1963**

DEPTH	PHOTO LOG	LATEROLOG	REMARKS
6000			Anhy, acicular, dns, dolotc, sl slty.
			Anhy, argil, dolotc, grdg to argil, dolotc.
			Salt w/anhy, argil, dolotc.
			Anhy, acicular, dns, argil, dolotc, salt inclc.
			Salt w/anhy, argil, dolotc.
6100			Ls, dns, anhy xls, tr silt.
			Anhy, acicular, dns, dolotc w/ slty, dolotc, salt inclc.
			Ls, argil, slty, anhy & salt inclc.
			Dolo, chky, v slty, argil, calc w/anhy.
			Salt w/anhy & slty dolc.
6200			Ls, dns, anhy xls & inclc, salt inclc.
			Ls, dns, s/fnly frgtl, f/fof, m/salt & anhy inclc, sl slty, f/pyrc oolc.
			Ls, dns, s/fnly frgtl, f/ost, m/salt.
			Ls, dns, fn fos frgs, argil, sl slty, m/salt & anhy.
			Salt w/anhy & ls, slty, sl oolite.
			Salt, w/anhy, dolotc.
			Dolo, argil, slty & sdy, intcl salt & anhy.
6300			Salt w/anhy & dolo, slty, sdy.
			Dolo, argil, sl slty, anhy & salt inclc.
			Ls, argil, anhy & salt inclc s/dolo, slty.
			Anhy, dns, dolotc, argil, salt inclc tr ls, c-ctc, anhytc.
			Ls, dns, m/salt & anhy.
			Ls, dns, anhy & salt inclc, fosif loc.
			Dolo, chky, sl slty, sl por.
			Anhy, acicular, dns, salt inclc.
			Salt w/anhy, argil, sdy.
6400			Ls, chky, fnly fosif, sl c-ctc, f/oolc, dolotc, anhytc.
			Ls as abv, sl por.
			Anhy, dns, argil, strks sh, s/salt.
			Anhy, dns, argil w/dolo, slty.
			Dolo, subchky, argil, slty, sdy.
			Dolo, chky, argil, slty, anhytc.
			Ls, fnly fosif, calcisphaeres, spcls, anhytc, sl p-pt por.
			Anhy, dns, argil.
			Dolo, anhytc, argil, slty.
6500			Ls, mud, faint peld, fn fos frgs, anhytc, sl por.
			Ls, mud, anhy xls, s/fnly fosif, sl p-pt por.
			Ls, subchky, fn fos frgs, spcls, argil, sl por.
			Ls, subchky, fnly fosif, spcls, silc, argil, dolotc, sl por, s/ch.
			Ls, subchky, fnly fosif, spcls, argil, silc, sl por.
			Ls, fnly fosif, spcls, silc, argil, dolotc, sl por.
			Ls, argil, fosif, cor, crin, sl c-ctc.
			Ls, argil, fosif, brach, bryon, crin, sl slty, pyr, s/ch.
			Ls, argil, fosif, brach, cor, tr silt, pyr.
			Ls, fnly fos frgtl, crin, bryon, argil, sl slty, sl por.
			Ls, argil, fnly fosif, spcls, crin.
6600	NO SAMPLES		
6700			Ls, argil, fosif, bryon, spcls, crin, v silc, m/ch.
			Ls, fnly fosif, spcls, bryon, argil, v silc, m/ch.
			Ls, fosif, bryon, crin, brach, v silc, m/ch.
			Ls, fnly fos frgtl, crin, bryon, argil, sl silc, sl por.
			Ls as abv.
			Ls, fos frgtl, crin, bryon, cor, argil, silc, s/ch.
6800			Ls, fos frgtl, bryon, crin, silc, qtz xls, sl por.
			Ls, fosif, bryon, subchky, sl silc, sl por.
			Ls, fosif, bryon, crin, argil, silc, sl por, m/ch.
			Ls, fosif, cor, crin, argil, silc, sl dolotc, sl por.
			Ls, fos frgtl, crin, bryon, argil, v silc, sl por, m/ch.
6900			Ls, fos frgtl, crin, bryon, argil, silc, qtz xls, sl por, s/ch.
			Ls, fosif, crin, spcls, silc, argil, sl por.
			Ls, fosif, crin, argil, sl silc, sl por.
			Ls, fosif, crin, chky, sl argil, sl por.
			Ls, fosif, crin, bryon, silc, sl por.
			Ls, fosif, spcls, crin, brach, argil, sl por.
			Ls, fos frgtl, crin, silc, f/qtz xls, sl por.
			Ls, fos frgtl, crin, chky, sl silc, sl por.
			Ls, fos frgtl, crin, spcls, chky, sl argil, sl por.
			Ls, fos frgtl, crin, bryon, sl argil, silc, qtz xls, sl por.
			Ls as abv.
			Ls, fos frgtl, crin, sl argil.
			Ls, fos frgtl, crin, chky, sl argil, sl por.
			Ls, fnly fos frgtl, crin, chky.
			Ls, fnly fos frgtl, crin, bryon, argil, silc, sl por, s/ch.
			Ls, fnly fos frgtl, crin, bryon, sl argil.
7000			Ls, fnly fos frgtl, crin, sl silc, sl argil, sl por.
			Ls as abv.
			Ls, fnly fos frgtl, crin, spcls, silc, sl por, s/ch.
			Ls, fos frgtl, crin, chky, silc, fair por.
			Ls, fnly fosif, crin, bryon, argil, sl silc, sl por.
			Ls, dns, argil, fn fos frgs, strks sh.
7100			Ls, dns, argil, fosif, brach, crin, pyr, strks sh.