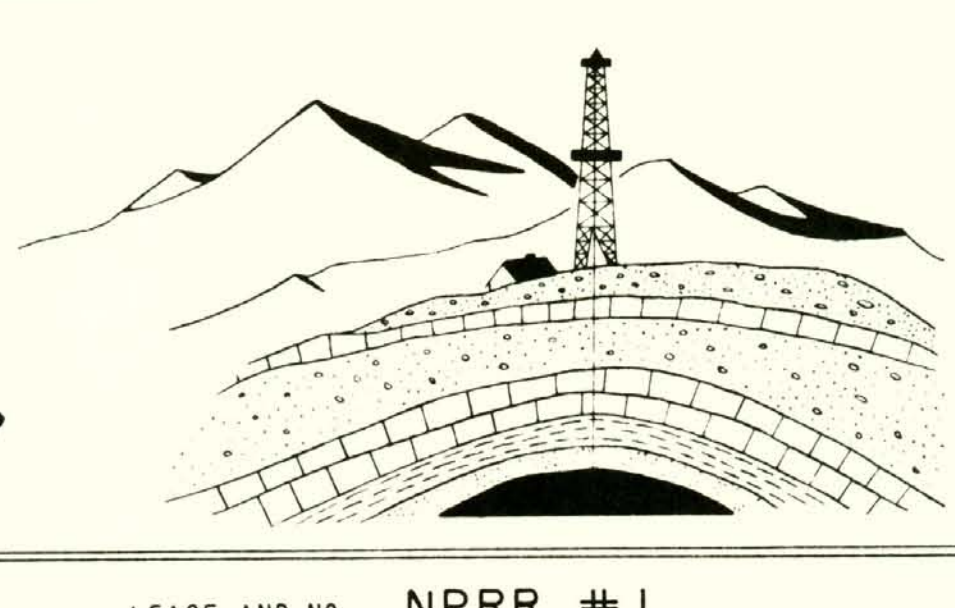


Northwest Geological Service



LOG NO. 17

COMPANY **ERAMONT PETROLEUM** LEASE AND NO. **NPRR #1**
 STATE OR PROVINCE **MONTANA** COUNTY **RICHLAND** AREA **ENID**
 LOCATION **C SW NW SEC. 21 T. 23 N. R. 54 E. GRND ELEV 2660' K.B. 2671'**
 TOTAL DEPTH **11,774'** SPUDDED **11-23-53** COMPLETED **4-14-54**
 REMARKS: **Salts picked by Microlog. Photograph enlargement X 10.**

GEOLOGIC SECTION **MISSISSIPPIAN - CHARLES, MISSION CANYON, LODGEPOLE** DATE **JUNE 1958**

GAMMA RAY	DEPTH TESTING	PHOTO - LOG	PERCENT	NEUTRON	REMARKS
	8000		N		Sist, argil, sdy, anhytc, w/sh
			N		Anhy, dolote, calc loc, slty loc
	8100		N		Anhy, dolote, argil
			N		Dolo, gran, slty, grdg to slst, w/anhy
			N		Anhy, ls & salt; slty dolo w/ anhy blebs; lam slst w/intst salt
			N		Anhy, v slty, argil, ang bree of slst, imprg w/anhy
			N		Anhy, w/l' slty, foote ls a top
			N		Anhy, lam, salt, imrg, calc, w/ pyrite slst at base
			N		ls, lam, intst salt, salt filled fracs
	8200		N		ls, mud, dolote, slty, intst salt
			N		Anhy, dolote loc
			1		ls, lith & mud w/f/frgs, sty-lote loc, f/slt grs, vug por
			N		ls, mud, c-ctc loc, slty, w/foe frgs loc
			4		ls, mud, slty, sl anhytc, por loc
			N		Anhy, w/dolote, slty, sl oolite, slty ls
			N		Anhy, sl dolote?, w/slty ls loc
			N		Anhy grdg to dolote ss & sdy dolo
			N		Anhy, sl dolote
			N		Dolo, w/calc ss & anhy
			N		Salt, w/anhy & dolo
	8400		N		Anhy
			1		ls, mud, w/f/frgs, por loc
			1		Anhy, w/strikes por? ls
			2		ls, mud, c-c, por loc
			1		ls, mud, anhytc, f/vugs?
			N		Dolo, slty, anhytc loc
			N		Anhy, w/strikes dolo
			N		Salt, w/sdy dolo & anhy
		NO SAMPLES			
	8500		N		ls, lith, w/f/oil lined vugs, rpl w/anhy loc
		NO SAMPLES			
		NO SAMPLES			
			N		ls & dolo, mud, anhytc
		NO SAMPLES			
	8600		N		ls, fos frgtl, crin, ostr, slty loc, argil
			N		ls, fos frgtl, intst clc, sl silic, stylo, crin, bryoz, ostr, brach?
			N		ls, fos frgtl, intst clc, sl silic, crin, bryoz, brach
			N		ls, lam mud, v pyrite
			N		ls, fos frgtl, grdg to mud, crin
			N		ls, fos frgtl, crin, cors, sl silic
			N		ls, fos frgtl, sl c-ctc, intst clc, foram
			N		ls, fnly frgtl
			1		ls, fos frgtl, intst clc, sl por
			N		ls, fos frgtl, ostr, brach, crin, sponge, clc frac, pyrite, imbed w/lam mud
			N		ls, mud, foalf, crin, ostr, sponge, w/fnly fossil ls
		NO SAMPLES			
			N		ls, fos frgtl, pyringopord?, filled w/calc, stylo
			N		ls, fos frgtl, crin, brach
			N		ls, fos frgtl, crin, cor
			N		ls, fos frgtl, crin, pyrite
	8800		N		ls, fos frgtl, crin, stylo
			3		ls, fos frgtl, extinction & cleavage continuous across frgs & intst clc loc, ostr, por
		NO SAMPLES			
			N		ls, fos frgtl, crin, w/lime mat
			2		ls, fos frgtl, crin, dolo fill vug, sl vug por
			4		ls, c-c, crin, brach, vug por
			N		ls, fnly fos frgtl, crin, stylote
	8900		N		ls, fnly fos frgtl, cor
			N		ls, fnly fos frgtl, crin, brach, sponges?
			N		ls, fos frgtl, crin, sl silic
			N		ls, fos frgtl, crin, cor, w/interseptal Qtz
			N		ls, mud, f/foe frgs
			N		ls, fnly fos frgtl, crin, bryoz
			N		ls, fos frgtl, crin, chy strk
			N		ls, fos frgtl, crin
			N		ls, fos frgtl, crin, brach
			N		ls, fnly frgtl, stylo
			3		Ch, rpl c-ctc ls, w/asph filling loc, vug por
			N		ls, lam mud, pyrite, fnly fossil
			N		ls, fos frgtl, pyrite, crin, brach
			N		ls, lam mud, sl re-xtized, brach
			N		ls, fos frgtl, crin
			N		ls, fnly fos frgtl, crin
			N		ls, mud, w/frgs
			N		ls, fnly frgtl, sl pyrite, foram
			N		ls, fos frgtl, crin, ostr, w/lime mud
	9200		N		ls, mud, f/frgs
			N		ls, fnly fos frgtl, ostr, cor?
			N		ls, mud, f/frgs, clc fracs, dolote, argil
			N		ls, mud, sl dolote, argil, fn frgs
		NO SAMPLES			
			N		ls, c-1, w/mud containing f/frgs, sl dolote
			N		ls, c-1, fos frgtl
	9300		N		ls, mud & fos frgtl, crin
			N		ls, mud to fnly fos frgtl
			N		ls, fos frgtl, mud, w/spcls
			N		ls, c-1, & fnly fos frgtl, frgs partly rpl w/calc, minute foram
			N		ls, mud, dolote, silic?
			N		ls, mud, dolote, f/foe frgs
			N		ls, mud, dolote, f/foe, brach
	9400		N		ls, mud, dolote, w/foe frgtl, c-1c loc
			N		ls, mud, dolote, argil
			N		ls, mud, pyrite, f/foe frgs
			N		ls, mud, spcls, f/crin frgs, pyrite
			N		ls, mud, sl pyrite, sl c-1c, spcls
			N		ls, mud & frgtl, sl pyrite
			N		ls, mud, f/spcls, sl pyrite, sl dolote
			N		ls, mud, sl pyrite, sl dolote
			N		ls, mud, f/frgs, silic loc, sl dolote
			N		ls, mud, spcls, pyr vn & spks, w/c-1, sl dolote, spcls
	9600		N		ls, mud, sl pyrite, sl dolote
			N		ls, mud, f/frgs, pyrite, ostr, sl dolote
			N		ls, mud, f/spcls, sl dolote
			N		ls, mud, sl pyrite
			N		ls, mud, spcls, sl pyrite
	9700		N		ls, mud, dolote, spcls, clc frac, f/spherulites
			N		ls, mud, dolote, sl pyrite
			N		ls, c-1 & frgtl
			N		ls, mud, f/frgs, sl dolote
			N		ls, mud, spcls, dolote
			N		ls, mud, dolote, argil
			N		ls, mud, f/frgs, dolote
			N		ls, mud, spcls, dolote, pyrite
			N		ls, argil, sl c-1c, f/frgs, pyrite, dolote, w/strike blk, slty sh
			N		ls, mud, bity, dolote
	9900		N		ls, mud, sl pyrite, w/blk slty sh