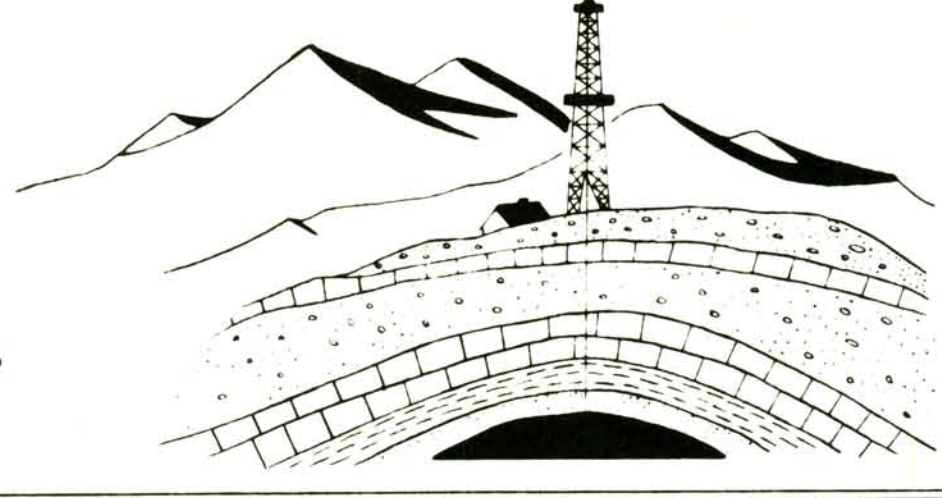


Northwest Geological Service



LOG NO. 99

COMPANY STANOLIND OIL AND GAS COMPANY LEASE AND NO. #1 N.P.R.R. "E"
 STATE OR PROVINCE MONTANA COUNTY DAWSON AREA N. BLOOMFIELD
 LOCATION C NE SE SEC. 21 T. 20N. R. 52 E. GRND ELEV 2888' K.B. 2899'
 TOTAL DEPTH 11,418' SPUNDED 10-10-53 COMPLETED 4-16-54
 REMARKS: Photo Enlargement X 10.

GEOLOGIC SECTION MISSISSIPPIAN: Charles, Mission Canyon, Lodgepole DATE OCT, 1960

GAMMA RAY	DEPTH TESTING	PHOTO - LOG	NEUTRON	REMARKS
				Clstn, lmpy, marly, m/dns, argil, slty dolo.
				Dolo, argil, slty to sdy, f/vugs.
				Dolo as abv, grig to dolote sh, s/anyh incl.
				Salt/s; dolo as abv, anyh & anytc sh.
	7900			Salt/s; anyh, acicular, argil, dolote, & sh, dolote, slty.
				Salt/s; anyh & sh as abv.
				Salt/s; dolo, argil, slty to sdy & anyh, acicular, sl dolote.
				Dolo, dns, argil, slty, anytc loc.
				Salt/s; dolo, argil, slty, dolote, & anyh, acicular, argil, dolote.
	8000			Dolo, argil, slty/s; slst, dolote, sl argil.
				Salt/s; dolo, argil, anytc, sl slty & anyh, acicular.
				Anyh, acicular, argil loc.
				Salt, sl dolo, micro; gran, slty; v/anytc.
				ls, dns, argil, poote loc, c-ctc loc; por h%.
				ls, dns, argil/s; anyh, acicular, dolote & slst, dolote/s; salt.
				Salt/s; ls, dns, sl slty.
				Salt/s; ls as abv & anyh, dns, argil, dolote.
				Salt/s; anyh, acicular & dns, argil, dolote.
				ls, dns, argil, fos frgs, ostr, crin?
				ls, c-ctc, fos frgs, crin, bryo, ostr, foram, sl slty.
				ls, dns, sl argil, f/ fos frgs, sl vug por.
				ls, dns to c-ctc, argil, anyh incl.
				Anyh, acicular, sl dolote; tr dolo, argil, slty/s; salt.
				Anyh, acicular, w/strks dolo; sl dolo, argil, slty.
				Anyh, acicular, sl argil/s; salt.
				Dolo, v/argil, slty.
				Anyh, dns, argil, dolote.
	8200			Anyh, acicular, dolote/s; dolo, dns, argil, slty.
				Anyh, acicular, sl argil/s; dolo, gran, frgtl?
				Dolo, gran, calc, fos frgtl, crin/s; ls, dns, peld; silc.
				ls, dns, argil, anyh incl, silc; s/anyh, argil, calc.
				ls, c-ctc, s/peld & fos frgs, bryo.
				ls, dns, argil lams, fn fos frgs; ls, dns, argil, micro; gran f/sd frgs; #2255-56, ls, dns, argil, fr fos frgs, slty.
				Dolo, gran, argil, slty, anytc; s/dns anyh.
				Anyh, acicular/s; anyh, dns, dolote/s; salt.
				Anyh, acicular/s; ls, c-ctc & ls, gran, argil/s; salt.
				ls, c-ctc, fos frgs, ostr, argil, anyh incl w/sec silica.
				Dolo, dns, argil, slty/s; anyh, acicular, dolote/s; salt.
				ls, gran, fos frgs, argil, slty; s/dolo & ls as abv/s; salt.
				Dolo, gran, argil, v/slty loc; s/anyh, dns, dolote.
				ls, dns to fos frgtl, crin, argil.
				ls, c-ctc, fos frgs, foram, clo mat, v/silc loc.
				ls, dns, fos frgs, crin, argil, sl slty.
				ls, fos frgtl, crin, brach, ostr, v/argil.
				ls, fos frgtl, crin, bryo, argil.
				ls, fos frgtl, crin, argil; #8138-41, ls, dns, fos frgs, argil, silc.
				ls, fos frgtl, crin, bryo, argil.
				ls, dns, argil, fn fos frgs; #8156-58, dolo, micro; gran, argil.
				ls, fos frgtl, crin, bryo, ostr, argil.
				ls, dns, argil, fn fos frgs.
				ls, peld, fos frgs, crin, c-ctc loc.
	8500			ls, dns, argil, fos frgs, ostr, pyr.
				ls, fos frgtl, crin, argil, sl vug por.
				ls, fos frgtl, crin, bryo, argil, silc.
				ls as abv.
				ls, c-ctc, foram, argil; #8569-70, slty.
				NO SAMPLES
	8600			ls, c-ctc to fos frgtl, crin, argil.
				ls, fos frgtl to c-ctc, crin, foram, argil, sl vug por.
				ls, fos frgtl, crin, bryo, argil.
				ls, fos frgs, crin, argil.
				ls, fos frgtl, crin, argil, sl silc; tr vug por.
	8700			ls, fos frgtl, crin, bryo, argil.
				ls, fos frgtl, crin, brach, argil.
				ls, fos frgtl, crin, bryo, argil.
				ls, fos frgtl, crin, ostr, argil, silc; tr vug por.
				ls, fos, frgtl, crin, argil, sl silc.
				ls, fos frgtl, crin, argil; strks ls, dns, f/fos frgs, crin, argil.
	8800			ls, fos frgtl, crin, argil, silc; strks ls, dns, fos frgs, ostr, spels, argil.
				ls, dns, fos frgs, crin, ostr, argil; strks ls, fos frgtl, crin, ostr, argil, silc.
				ls, fos frgtl, crin, bryo, v/argil; strks ls, dns, fos frgs, crin, ostr, argil.
				ls, dns, fos frgs, crin, ostr, argil; strks ls, fos frgtl, crin, bryo, argil.
				ls, fos frgtl, crin, argil; strks ls, dns, fos frgs, crin, brach, argil.
				ls, fos frgtl, crin, bryo, argil.
				ls, fos frgtl, crin, argil.
				ls, fos frgtl, crin, bryo, argil.
				ls, fos frgtl, crin, argil.
				ls, fos frgtl, crin, ostr, argil.
				ls, fos frgtl, crin, bryo, argil; tr ls, dns, fn fos frgs, argil.
	9000			ls, fos frgtl, crin, argil/s; ls, dns, fos frgs, crin, argil.
				ls, fos frgtl, crin, brach, argil/s; ls, dns to c-ctc, s/fn fos frgs, argil.
				ls, fos frgtl, crin, bryo, argil; s/ch.
				ls, dns, fn fos frgs, crin, spels, argil, fnly pyrte.