Northwest Geological Service

LOG NO. 213

COMPANY HAMILTON LEASE AND NO. #1 NELSON

STATE OR PROVINCE MONTANA COUNTY SHERIDAN AREA

LOCATION C SW SE SEC 17 T 31N R 56E GRND. ELEV. 2076' KB 2087'

TOTAL DEPTH 8347 SPUDDED 12-9-61 COMPLETED 1-9-62

REMARKS Photo Enlargement X 10

GEOLOGIC SECTION MISSISSIPPIAN: Charles, Mission Canyon DATE JULY 1963

GAMMA RAY	Depth Testing	PHOTO LOG	Porosity	LATERLOG	REMARKS
	7200				
					Salt.
	7300				
					Dolo,silty,anhytc,intcl anhy & salt.
					Salt intbd anhy,argil.
	7400				
					Salt intbd anhy argil.
					Salt,intbd anhy,argil,tr ls & dolo.
					Salt intbd anhy,argil.
					Salt.
					Dolo,chky,argil,sl chky por.
					Salt.
					Ls,dns,silty,argil,ppr.
	7500				Ls,dns,sl silty,f/ools,ppy.
					Salt.
					Ls,dns,argil,sl silty.
					Ls,dns, argil,silty,ppr.
	7600				Ls,dns to subchky,w/hy xls, sl dolote.
					Ls,dns,frgtl,argil,sl silty, w/chky & salt incls.
					Salt.
					Anhy,argil,intcl salt.
	7700				Salt.
					Ls,dns,sl silc,tr fn fos frgs
					Ls,crinal,silc,sl por.
					Ls,dns,argil,tr fn fos frgs, salt incls.
					Ls,subchky,v fn fos frgs, w/salt
	7800				Anhy,acicular,argil.
					Dolo,dns,anhytc,silty,argil, grd to anhy.
					Salt.
					Anhy,argil,dolotc, w/salt incls.
					Anhy,argil,dolotc,silty,w/salt incls.
					Ls,subchky,fnly foslf,dolotc, argil.
					Salt.
	7900				Anhy,dns,argil,dolotc,silty, salt incls.
					Ls,subchky,foslf,brach,cor w/dtrl lime mud,anhytc,salt incls,sl por.
					Dolo,c-c,sec anhy,w/silica.
					Ls,fnly foslf,brach,argil, salt incls.
					Ls,c-c-tc,dtrl lime mud,fos frgs,argil,forams,pp
					Ls,fos frgs,brach, argil,w/dtrl lime,strks cnc.
					Ls,fnly foslf,spcls,chky, dolote.
					Ls,chky,fnly foslf,argil,w/ salt incls.
					Ls,fnly fos frgs,...,forams, brach,calcisphaerens,argil.
					Ls,fnly fos frgs,crin,bryom, argil.
					Ls as abv,f/forams,tr por.
	8000				Ls,dns,argil,fnly foslf.
					Ls,fnly fos frgtl,bryom, brach,tr forams,argil.
					Ls,chky,dolotc,fnly foslf, argil.
					Ls,foslf,crin,bryom,argil, f/forams,silc.
					Ls,chky,dolote,argil,fnly foslf,f salt incls.
					Ls,foslf,bryom,crin,argil.
					Ls,foslf,crin,brach,argil, sl silc.
	8100				Ls,v argil,foslf,crin,brach, bryom,silc.
					Ls,argil,foslf,sl silty.
					Ls,argil,foslf,bryom,spcls, silc,w/ch.
					Ls,fos frgtl,crin,bryom, argil,silc.
					Ls as abv.
					Ls,fos frgtl,crin,cor,argil, sl dolote.
					Ls,fnly fos frgtl,bryom,crin, argil,sl dolote,sl por.
					Ls,fnly fos frgtl,crin,bryom, argil.
					Ls,fos frgtl,crin,brach, bryom,argil.
					Ls,crinal,bryom,c-c-tc,fair cor.
					Ls,foslf,argil,crin,spcls.
					Ls,crinal,bryom,brach,c-c-tc, sl por.
					Ls,foslf,crin,bryom,argil.
					Ls,foslf,brach,spcls,bryom, argil.
					Ls,fos frgtl,crin,bryom, brach,argil.
					Ls,fos frgtl,bryom,crin,brach argil,silc loc.
					Ls,fos frgtl,crin,bryom,silc, sl vug por.
					Ls,fos frgtl,argil,silc,fract
					Ls,fos frgtl,s/crinal,argil, silc,pyr,s/ch.
					Ls,fos frgtl,s/crinal,bryom, argil,sl silc,s/ch.