Northwest Geological Service

LOG NO. 163

COMPANY JAKE NICHOLS-GREAT NORTHERN LEASE AND NO. 1 GLEIN

STATE OR PROVINCE MONTANA COUNTY SHERIDAN AREA

LOCATION C NE NE SEC. 13 T 31N. R. 58E. GRND. ELEV 2280' K.B. 2292'

TOTAL DEPTH 8414' SPUDDED 4-20-61 COMPLETED 5-13-61

REMARKS: Photo Enlargement X 10.

GEOLOGIC SECTION MISSISSIPPIAN: Charles, Mission Canyon DATE May, 1962

GAMMA RAY	DEPTH TESTING	PHOTO — LOG	LATEROLOG	REMARKS
				Sh,lmpy,slty,dolotc,anhy incls,grdg to slty dolojs/ salt incls.
				Salt?,m/cv.
				Salt,w/anhy & dns ls.
				Salt,m/cv.
				Anhy,argil,dolotc;strks ls, dns.
	7700			Anhy,dns,argil;s/ls,dns.
				Anhy,dns,argil,dolotc,w/ dolo,chky,argil;salt.
				Dolo,dns,argil;s/ls,argil, spcls;pn/anhy,salt.
				YSalt,m/cv.
				Salt,intcl anhy,acicular & dolo,argil;tr slst.
				Anhy,acicular,argil,dolotc; strks dolo,chky,argil.
				Dolo,chky,argil,slt;ytr slst.
	7800			Anhy,acicular,argil;strks dolo,argil,slt;ypabl salt.
				Anhy,acicular,dns,dolotc; strks dolo.
				Anhy,dns,argil,slty;strks dolo,argil.
				YSalt;intcl anhy & dolo.
				Anhy,acicular,dns,dolotc, argil;strks dolo,slst & ss.
				Slst,dolotc,grdg to slty dolo;strks anhy.
				Anhy,acicular,dns,argil; strks dolo,slty.
				Anhy as abv.
	7900			Ls,dns,argil,sl slty,tr fos frgs,ools,pyr;anhy incls.
				Ls,dns,argil;strks ls,fn c-c,sdy.
				Ls,dns,argil;tr ls,fn c-c, slty,pyr;anhy incls.
				Ls as abv.
				Ls as abv.
				YSalt;intbd anhy & ls,dns, argil.
				Ls,dns,argil,anhy incls.
				Ls,dns,f/fos frgs,pabl Ganwoodia.
	8000			Ls,dns,argil,sl slty,anhy incls.
				Ls,dns,argil,anhy incls.
				Ls,dns,argil,slty loc,tr c-el & fos frgs.
				Anhy,acicular,dns,argil; strks ls,dns,argil,slty.
				Dolo,dns to subchky,argil, slty;intcl anhy;strks sh.
				Anhy,dns,argil,dolotc;strks dolo,argil.
				Anhy,acicular,dns,argil, dolotc.
	8100			Anhy,dns,argil,dolotc;strks ls,dns.
				Ls,dns,argil.
				Ls,dns,fn fos frgs,spcls, anhy incls.
				Ls,dns,tr spcls,anhy incls.
				Anhy,dns,argil,dolotc.
				Anhy,acicular,dns,argil; strks ls,dns.
	8200			Anhy,dns,argil,dolotc;strks ls,dns.
				Anhy,dns,argil.
				Anhy,dns,argil,dolotc;strks ls,dns.
				Anhy,dns,argil,dolotc;strks ls & sh.
				Ls,dns,argil,stylos;anhy incls.
				Anhy,dns,argil,dolotc;strks ls,dns,argil.
	8300			Anhy as abv.
				Anhy,dns,argil,dolotc.
				Ls,dns,argil,faint peld;tr ls,c-l,anhytc.
				Ls,fn peld,gstrp,clc mat,sl por.
				Ls,argil,faint peld,tr fos frgs,anhy xls.
				Ls,c-l,fn fos frgs,tr forams, sl por.
				Ls,dns,c-ltc,argil,tr fos frgs.
				Ls,dns,fn fos frgs,faint peldjs/dolo,subchky,argil.
				Ls,dns to subchky,dolotc,fn fos frgs,slgT.
	8400			Ls,fnly foslf,brachs,argil; s/ls,peld,clc mat.
				Ls,fnly foslf,bryons,spcls, argil,sl dolotc.