

Northwest Geological Service



LOG NO. 237

COMPANY **SIGNAL DRG. & EXPL., INC.** LEASE AND NO. **LAGERQUIST # 1**

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

LOCATION **SE SW** SEC. **9** T. **35N** R. **58E** GRND. ELEV. **2122'** KB **2133'**

TOTAL DEPTH **8542'** SPUDDED **4-20-63** COMPLETED **6-3-63**

REMARKS: **Photo Enlargement X 10 I.P.F. 220 B0+147 BWPD on 1 1/4" choke from 6956-6961**

GEOLOGIC SECTION **MISSISSIPPIAN: CHARLES, Mission Canyon, Lodgepole** DATE **Jan 1964**

GAMMA RAY	Depth Testing	PHOTO-LOG	LATEROLOG	REMARKS
	6100	++		Salt.
		++		Anhy,dns,argil,stkrs dolo, gran & ls.
		++		Anhy,argil w/dolo & ls,salt.
		++		Salt,w/anhy & dolo,slty
		++		Salt.
		++		Salt,w/dolo,gran,slty.
		++		Salt w/anhy & dolo.
	6500	++		Ls,dns,argil,slty w/anhy & salt.
		++		Salt,w/anhy & ls,argil.
				Anhy,slty,w/ls,ooltc,slty.
				Ls,dns,argil,slty,f/oolts,salt incls,stkrs anhy.
				Ls,dns,argil,slty,anhytc,intcl anhy.
				Ls,dns,argil,tr ools,intcl anhy.
				Anhy,acicular,dns,intcl ls.
	6600	++		Salt.
		++		Ls,dns,argil,anhy xls,psbl salt incls.
		++		Ls,dns,argil,sl slty,anhy & salt incls.
		++		Ls,dns,argil,psbl salt incls, tr fn fos frgs.
		++		Ls,dns,argil,tr ools,f/fn fos frgs,s/anhy.
		++		Ls,dns,argil,intbd anhy,argil, psbl salt.
		++		Ls,dns,argil intbd anhy,salt incls.
	6700	++		Salt.
		++		Anhy,argil,m/salt,s/dolo.
				Anhy,dns,argil,stkrs ls,dns.
				Anhy,argil,salt incls,stkrs ls & dolo.
				Ls,dns,argil,tr ools,salt incls,stkrs anhy.
				Ls,dns,argil,salt incls,f/oolts, stkrs anhy.
				Ls,argil,s/c-c,sl anhytc, psbl salt incls.
				Ls,dns,argil,sl slty,salt incls,s/anhy.
				Ls,argil,f/oolts,sl sdy,salt & anhy incls.
				Anhy,argil,dolote,sl sdy.
				Ls,c-c,fn fos frgs,foram, dolote,anhytc,psbl salt mat.
				Dolo,argil,sl slty,anhytc, psbl salt incls.
				Anhy,argil,dolote,salt incls, stkrs ls,argil,tr fos frgs.
				Anhy,dns,argil,dolote,pyr, psbl salt incls.
				Anhy,argil,dolote.
				Anhy,dns,argil,dolote,tr ls.
				Anhy,dns,argil,dolote,anhy & salt incls.
		++		Ls,subchky,sl c-ctc,anhytc, argil.
				Salt,intcl anhy,stkrs ls.
				Anhy,dns,argil,dolote,pyr.
				Ls,peld,f/fn fos frgs,sec anhy.
				Anhy,dns,argil w/sh lams.
				Ls,fn c-c,fos frgs,f/forams, c/c mat.
				Ls,argil,fn fos frgs,stkrs c-c silc.
				Ls,fos frgtl,brach,crin,argil.
				Ls,oid,s/alg,f/ost,sl c/c mat,fair intst por.
				Ls,piso,alg,s/xln c/c,gd por.
				Ls,mud,fn fos frgs,alg tubes, argil,s/xln c/c,sl por.
				Ls,mud,tr fos frgs,ost,m/xln c/c,sl vug por.
				Ls,mud,tr fn fos frgs,m/xln c/c,stylc.
				Ls,mud,fn fos frgs,ost,m/xln c/c,sl vug por,f/stylc.
				Ls,mud,peld,f/piso,s/xln c/c, sl por
				Ls,mud,peld,tr ostr,sl xln c/c, fair vug por.
				Ls,c-c,fn fos frgs,brach,argil, c/c mat,tr silc cor,sl por.
				Ls,subchky,argil,slty,tr fos frgs.
				Ls,mud,tr fos frgs.
				Ls,argil,fnly fosif,brach,spcls, crin.
				Ls,fnly fosif,brach,bryon, crin,tr foram,sl c-ctc,argil, sl silc.
				Ls,fnly fosif,spcls,cor,foram, argil.
				Ls,fos frgtl,brach,crin,argil, sl slty.
				Ls,fos frgtl,brach,spcls,v argil loc,sl slty.
				Ls,fosif,brach,bryon,argil,tr silt grs.
				Ls,v argil,tr fos frgs,sl slty.
				Ls,fosif,bryon,brach,argil,tr silt grs.
				Ls,subchky,fn fos frgs,spcls, sl silc,argil.
				Ls,fosif,brach,bryon,argil.
				Ls,fosif,spcls,brach,bryon, argil,silc s/ch.
				Ls,fosif,bryon,brachs,argil.
				Ls,fos frgtl,brach,crin,argil, s/ch.
				Ls,fosif,brach,crin,argil,sl silc,tr ch.
				Ls,fosif,bryon,brach,cor,argil, sl silc.
				Ls,fosif,bryon,brach,cor,argil, sl silc.
				Ls,fosif,bryon,brach,cor,argil,sl silc.
				Ls,fosif,bryon,brach,cor,argil,sl silc.
				Ls,fos frgtl,crin,bryon,dns, argil.
				Ls,c-c,fos frgtl,bryon,crin, sl argil,fair intst por.
				Ls,fos frgtl,c-ctc,argil,sl silc,sl por.
				Ls,fosif,spcls,bryon,brach, argil.
				Ls,fos frgtl,crin,bryon,cor, c-ctc,argil,sl por.
				Ls,fos frgtl,bryon,brach,crin, argil.
				Ls,fosif,spcls,bryon,argil,sl silc.
				Ls,fos frgtl,bryon,crin,argil loc,silc loc,tr por.
				Ls,crin,bryon,argil loc,sl intst por.
				Ls,argil,fosif,brach,bryon, spcls.
				Ls,crinal,bryon,sl argil,tr por.
				Ls,argil,fnly fosif,silc loc.
				Ls,argil,fosif,crin.
				Ls,fos frgtl,bryon,crin,cor, sl c/c mat,sl por.
				Ls,crinal,bryon,s/c/c mat, fair intst por.
				Ls,argil,fnly fosif,stkrs fos frgtl.
				Ls,argil,fnly fosif.
				Ls,argil,fosif,spcls,bryon.
				Ls,argil,fnly fosif,bryon.
				Ls,crinal,bryon,s/c/c mat,fair intst por.
				Ls,crinal,bryon,s/c/c mat,fair intst por.
				Ls,fos frgtl,crin,bryon.
				Ls,fos frgtl,crin,bryon,sl vug por.
				Ls,fos frgtl,crin,bryon,argil, tr intst por.
				Ls,fos frgtl,crin,bryon,argil.
				Ls,fos frgtl,crin,bryon,spcls, argil.
				Ls,fnly fos frgtl,argil,tr sd grs,stkrs ls,v argil
				Ls,v fnly fos frgtl,crin,bryon, sdy,argil.
				Ls,v fnly fos frgtl,argil,sl slty & sdy.
				Ls,v fnly fos frgtl,argil,sl sdy.
				Ls,fnly fosif,argil,sl sdy.
				Ls,fnly fosif,argil,sl sdy.
				Ls,fnly fosif,v argil,slty,slc, s/ch.
				Ls,crinal,bryon,s/c/c mat,sl intst por.
				Ls,argil,slty,fnly fosif.
				Ls,crinal,bryon,s/c/c mat,sl intst por.
				Ls,dolote,slty,fnly fosif, silc,s/ch.
				Ls,as abv.
				Ls,dns,silc,fosif,argil,sl sdy.
				Ls,dns,silc,fosif,argil.
				Ls,subchky,argil,dolote.