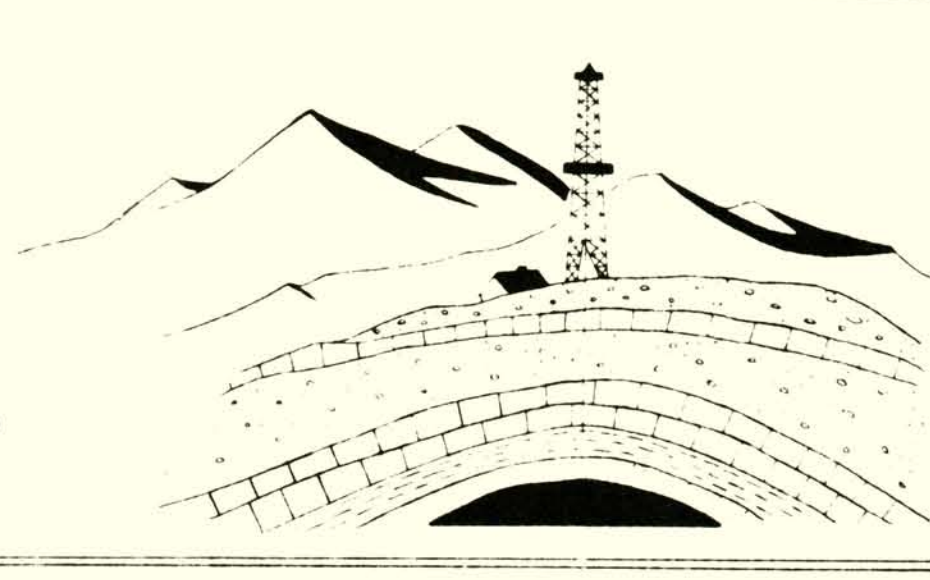


Northwest Geological Service



LOG NO. 62

COMPANY BURT FIELDS LEASE AND NO. FIGMAKA # 1
 STATE OR PROVINCE MONTANA COUNTY VALLEY AREA
 LOCATION C SW NE SEC 14 T 27N R 39E GRND ELEV 2344' 2357' K.B.
 TOTAL DEPTH 7496' SPUDDED 7-20-54 COMPLETED 9-5-54
 REMARKS Photo Enlargement X 10

GEOLOGIC SECTION MISSISSIPPIAN: Charles, Mission Canyon, Lodgepole DATE NOV. 1959

GAMMA RAY	DEPTH TESTING	PHOTO - LOG	RESISTIVITY	REMARKS
				Sh, dolote
				Dolo, dns to chky; s/anh
				Le, peld, clc mat, sl alty, dolote, fair por
				Le, chky, v dolote, sl anhyte, f/fo frgs, fair por
				Dolo, dns to subchky, chy, por
	4600			Le, fos frgs, crins, bryons?, argil, silc, s/ch
				Le, fos frgs, crins, dolote, slty, silc
				Le, foslf, argil, slty, ch
				Le, fos frgtl, crinal, argil, silc
				Le, fos frgtl, crins, bryons, argil, silc; sl ppt por
				Le, dns, fos frgs, crins, bryons?, argil, silc
	4700			Le, dns, fos frgs, crins, bryons?, argil, silc, por
				Le, dns, fos frgs, crins, argil, silc
				Le, dns, fos frgs, crins, argil, silc
				Le, fos frgtl, crinal, argil, silc
				Le, subchky, dolote
				Le, fos frgtl, crins, bryons?, Solenopora?, fair por
				Le, fos frgtl, crins, clc mat, s/sec silc rplment, gd por
	4800			Le, fos frgtl, crinal, clc mat, s/sec silc rplment, argil, gd por
		NO SAMPLES		
				Le, dns, fos frgs, bryons, crins, argil (psbl biohera core facies), strks ls as abv
				Le, fos frgtl, crins, bryons, silc, argil, gd por
				Le, fos frgtl, crins, bryons, clc mat, s/sec silc rplment, fair por
				Le, fos frgs, crins, bryons, argil, s/sec silc rplment, sl por
				Le, fos frgtl, crinal, clc mat, argil, s/sec silc rplment, fair por
	4900			Le, dns, fn fos frgs, argil, silc strks ls, fos frgtl, crins, ostrs, argil, silc
				Le, dns to fos frgtl, crins, bryons, forams, argil, silc, dolote, sl por
				Le, fos frgtl, crinal, forams, argil, silc
				Le, dns to fos frgtl, crins, argil, silc
				Le, dns, fos frgs, crins, argil, silc; s/ch
				Le, foslf, crins, clc mat, sl argil; s/sec silc rplment
	5000			Le, dns, fn fos frgs, bryons?, argil, silc
				Le, dns, fn fos frgs, argil; s/ch
				Le, dns, fos frgs, crins, ostrs, bryons, argil, silc
				Le, dns, fos frgs, crins, argil; s/ch
				Le, fnly fos frgtl, crins, argil
				Le, fos frgtl, crins, brachs, silc, por; s/ch
	5100			Le, fos frgs, crins, argil, silc
				Le, fos frgtl, crins, silc, por
				Le, fos frgtl, crins, argil, silc; por
				Le, fos frgtl, crins, argil, clc mat, s/sec silc rplment; sl por
				Le, fos frgtl, crins, argil, microxln clc mat, s/sec rplment
				Le, dns, fos frgs, crins, argil, silc; s/ch
	5200			Le, dns, microxln, dolote, fn fos frgs, argil
				Le, dns, fos frgs, argil, silc
				Le, dns, fos frgs, silc
				Le, dns, fos frgs, bryons?, silc
				Le, dns, fos frgs, argil
	5300			Le, dns, dolote, f/fn fos frgs
				Le, dns, dolote, strks silica
				Le, dns, dolote, strks silica
				Le, dns, dolote, argil, sl slty, f/fo frgs, silc
				Le, dns, f/fo frgs, ostr, bryon, argil, silc; strks silica
				Le, dns, silc, f/fo frgs, ostrs, argil
				Le, fos frgtl, crins, argil, silc, pyr
	5400			Le, dns, f/fo frgs, argil, silc
				Le, fos frgtl, crins, bryons, argil, silc, pyr
				Le, dns, f/fo frgs, silc, pyr
				Le, dns, slty, f/fo frgs, bryon, argil, silc, pyr
				Le, dns, slty, f/fo frgs, argil, silc
				Le, dns, slty, f/fo frgs, crins, ostrs, argil, silc
	5500			Le, dns, f/fn fos frgs, argil, s/vug por
				Le, fos frgtl, crins, bryons, argil, silc; strks ls as abv
				Le, dns, fos frgs, bryons, argil, silc; strks ls, c-l, argil, silc, w/s/wind coals
				Le, dns, argil, s/silicified fos
				Le, dns, f/fn fos frgs, argil
				Le, dns, f/fo frgs, argil, s/foelf ch
	5600			Le, dns, f/fo frgs, ostrs, argil, s/foelf ch
				Le, dns, f/fo frgs, argil, silc, s/ch
				Le, dns, f/fo frgs, ostrs, argil; s/ch
				Le, dns, argil, silc; strks ch
				Le, dns, argil
				Le, dns, argil, pyr
	5700			Le, dns, f/fo frgs, ostrs, argil, pyr
				Le, dns, argil, silc, pyr
				Le, dns, argil, silc, pyrtc
				Le, dns, f/fo frgs, crins, argil, silc, pyrtc
				Le, dns, spcls, argil, silc
	5800			Le, dns, argil, silc
				Le, dns, argil, silc
				Le, dns, microxln, argil, glauco; strks ls, dns, pyrtc
				Dolo, dns, slty