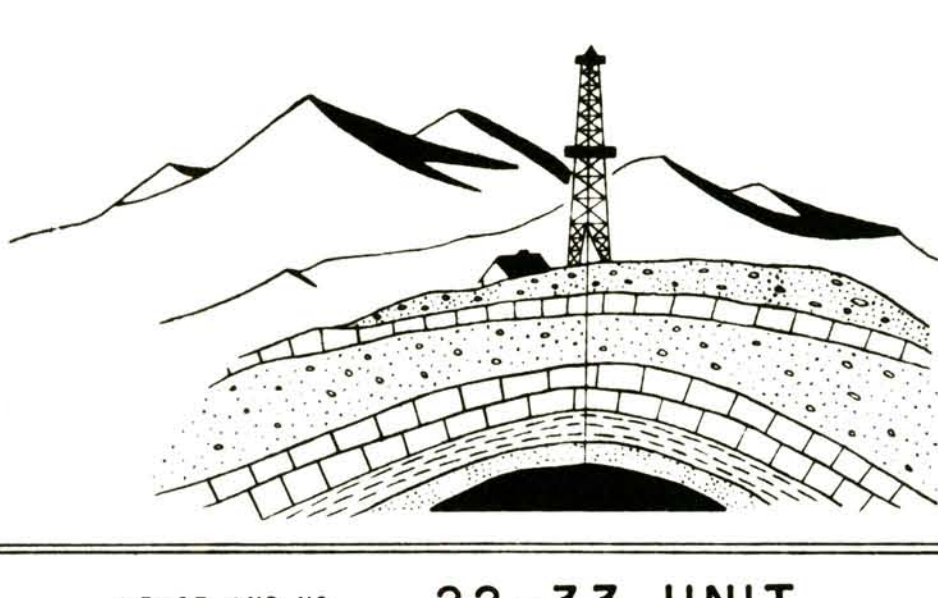


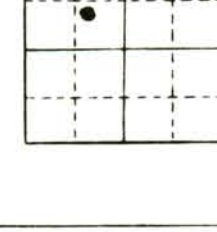
# Northwest Geological Service



LOG NO. 132

COMPANY **SHELL OIL COMPANY** LEASE AND NO. **22-33 UNIT**

STATE OR PROVINCE **MONTANA** COUNTY **FALLON** AREA **CABIN CREEK**



LOCATION **NW SE NW SEC. 33 T. 10N. R. 58E. GRND. ELEV. 2911'**

TOTAL DEPTH **9412'** SPUN TO **1-12-53** COMPLETED **5-19-53**

REMARKS: **244 B.O.P.D. (Ordovician).**

Photo Enlargement X 10.

GEOLOGIC SECTION **MISSISSIPPIAN: Charles, Mission Canyon, Lodgepole** DATE **AUG, 1961**

GAMMA RAY	DEPTH TESTING	PHOTO - LOG	NEUTRON	REMARKS
				Sh, lmpy, dolote, grdg to argil dolos; anhy inclc & salt.
				Dolo, microxin, microgran, slty, argil, sl por.
				Anhy, acicular, slty; inclc dolc, slty.
				Ls, oolte, anhytc, f/ fos frgs, argil.
				Ls, dns, argil, anhy xls, slty, pyr.
				Ls, dns, argil, slty, pyr; /slst.
				Anhy, acicular; inclc salt.
				Ls, dns, argil, anhy inclc.
				Ls, dns, to fny fos frgtl, ostr, cor, spcls, sl silc, argil.
				Dolo, v argil, slty.
				Anhy, acicular; inclc dolc, argil.
				Ls, dns, argil, f/ fos frgs, w/ dolo.
				Dolo, v argil, sl slty; inclc anhy.
				Anhy, acicular; inclc dolc, argil.
				Anhy, acicular; inclc dolc, argil.
				Ls, dns, argil.
				Ls, dns, foslf loc, ostr, bryon, argil.
				Ls, argil, fny foslf, spcls, bryon.
				Ls, dns, anhy xls.
				Ls, argil, fn fos frgs, conodonts, spcls, dolotc.
				Anhy, acicular; inclc dolc, argil, sdv.
				Ls, dns, anhy xls, fn fos frgs.
				Dolo, chky, argil, slty, inclc anhy.
				Dolo, subchky, argil, slty, w/ anhy.
				Anhy, argil, dolotc, pyr.
				Dolo, argil, w/ anhy & ls, sl foslf.
				Ls, argil, fos frgs, w/ dolo, argil.
				Dolo, argil, sl slty, w/ anhy.
				Ls, chky, foslf, ostr, crin, spcls, argil, dolotc, grdg to dolo, sl por.
				Ls, foslf, foram, crin, bryon, dolotc, sl silc, sl por.
				Ls, fos frgtl, bryon, brach, cor, crin, argil, sl dolotc, sl por.
				Ls, fos frgtl, bryon, crin, brach, argil, tr ch.
				Ls, fos frgtl, cor, bryon, brach, argil.
				Ls, fos frgtl, brach, crin, bryon, argil.
				Ls, fos frgtl, bryon, crin, spcls, argil.
				Ls, fos frgtl, bryon, crin, sl peld, argil.
				Ls, peld, fos frgs, sec anhy, sl por.
				Anhy, acicular; inclc dolc, argil.
				Ls, foslf, spcls, bryon, argil; strks ls, c-ctc, ool, peld; anhy xls, sl por.
				Ls, peld, fos frgs, sl por.
				Anhy, argil, dolotc, pyr.
				Ls, dns, foslf, argil, w/ anhy.
				Ls, fny foslf, dolotc, argil, grdg to dolo, anhy xls, sl por, strks anhy.
				Dolo, argil, anhytc, w/ anhy & ls, foslf.
				Dolo, microgran, foslf, anhytc, sl por.
				Ls, foslf, argil, dolotc, anhy xls.
				Ls, c-ctc, fos frgs, clc mat, f/ anhy xls, sl por.
				Ls, c-ctc, fny foslf, clc mat.
				Ls, foslf, c-ctc, dolotc, fair por.
				Dolo, microgran, foslf, anhy xls, grdg to ls, fair por.
				Ls, fos frgtl, microgran, dolotc, grdg to dolo, sl por.
				Dolo, microgran, foslf, argil, grdg to ls, fair por, strks ls, c-c.
				Ls, c-c, foslf, foram, crin, bryon, strks ls, foslf, dolotc, sl por.
				Ls, foslf, crin, sl peld, dolotc, grdg to dolo; sl por.
				Ls, foslf, crin, bryon, dolotc, argil, sl por.
				Ls, foslf, crin, bryon, argil, tr anhy xls.
				Ls, argil, foslf, crin, bryon.
				Ls, fos frgtl, crin, bryon, argil.
				Ls, fos frgtl, crin, bryon, argil.
				Ls, foslf, argil.
				Ls, foslf, argil, dolotc, tr anhy xls.
				Ls, foslf, argil, dolotc, grdg to dolo; sl por.
				Ls, foslf, argil.
				Ls, dns, argil, dolotc, anhytc.
				Ls, chky, foslf, dolotc, argil, grdg to dolo, anhy xls, sl por.
				Ls, foslf, argil, dolotc, silc, sl por.
				Ls, foslf, argil, sl dolotc, f/ anhy xls.
				Ls, foslf, argil, dolotc, tr anhy xls.
				Ls, c-c, f/ ools, clc & anhy mat, strks ls, foslf, dolotc, anhy xls, sl por.
				Ls, foslf, argil, dolotc, sl por, tr c-c.
				Ls, foslf, argil, dolotc; intbd ls, c-c, sl por, f/ anhy xls.
				Ls, c-c, foram, clc & anhy mat; intbd ls & dolo, foslf, sl por.
				Ls, c-c, fos frgs, clc & anhy mat; intbd ls & dolo, foslf, fair por.
				Ls, c-c, clc & anhy mat, intbd ls & dolo, foslf, argil, sl por.
				Ls, foslf, argil, dolotc, c-ctc, grdg to dolo; sl por.
				Ls, foslf, dolotc, argil, grdg to dolo; strks ls, c-c.
		NO SAMPLES		
				Ls, c-c, fos frgs, f/ ools, argil, pyr, clc & anhy mat, sl por; strks ls & dolo, foslf.
				Ls, c-c, f/ ools, argil, clc & anhy mat, strks dolo, gran, argil, sl por.
				Ls, c-c, f/ ools, argil, pyr; strks ls & dolo, gran, argil, foslf, sl por.
				Ls, c-c to c-1, fos frgs, argil, pyr; strks ls & dolo, argil.
				Ls, c-1, fos frgs, argil, pyr, f/ slt grs.
				Ls, c-c to c-1, fos frgs, clc mat, argil; strks dolo, argil, sl por.
				Ls, microxin, argil, dolotc, foslf, sl c-ctc, f/ slt grs.
				Ls, c-1 to c-c, fos frgs, argil, pyr, f/ slt grs.
				Ls, c-c, foslf, brach, argil, dolotc, pyr, f/ slt grs.
				Ls, c-1 to c-c, fos frgs, brachs, argil, silc, f/ slt grs.
				Ls, c-1 to c-c, foslf, brach, argil, silc, f/ slt grs.
				Ls, c-ltc, foslf, argil, dolotc, f/ slt grs.
				Ls, foslf, bryon, brach, c-ltc; strks ls, c-c, f/ slt grs.
				Ls, c-1 to c-c, foslf, brach, argil, f/ slt grs, sl silc.
				Ls, foslf, crin, brach, c-ltc, argil, dolotc, f/ slt grs.
				Ls, foslf, dolotc, argil, silc, grdg to dolo, sl por; strks ls, c-1 & c-c.
				Ls, foslf, brach, crin, c-ltc & c-ctc, argil, dolotc.
				Ls, argil, foslf, c-ltc, slty, sl silc.
				Ls, argil, foslf, dolotc, silc, f/ qtz xls; frac?
				Ls, argil, foslf, silc, dolotc, c-ltc loc.
				Ls, foslf, bryon, brach, argil, silc, sl dolotc, c-ltc.
				Ls, foslf, silc, argil, pyr, sl dolotc.
				Ls, foslf, argil, silc.
				Ls, argil, foslf, silc, pyr, w/ sh lams.
		NO RECOVERY		
				Ls, argil, foslf, silc, pyr, stylo.
				Ls, argil, foslf, silc, pyr.
				Ls, argil, foslf, silc, pyr.
				Dolo, dns, argil, fos frgs, f/ sh lams, stylo.