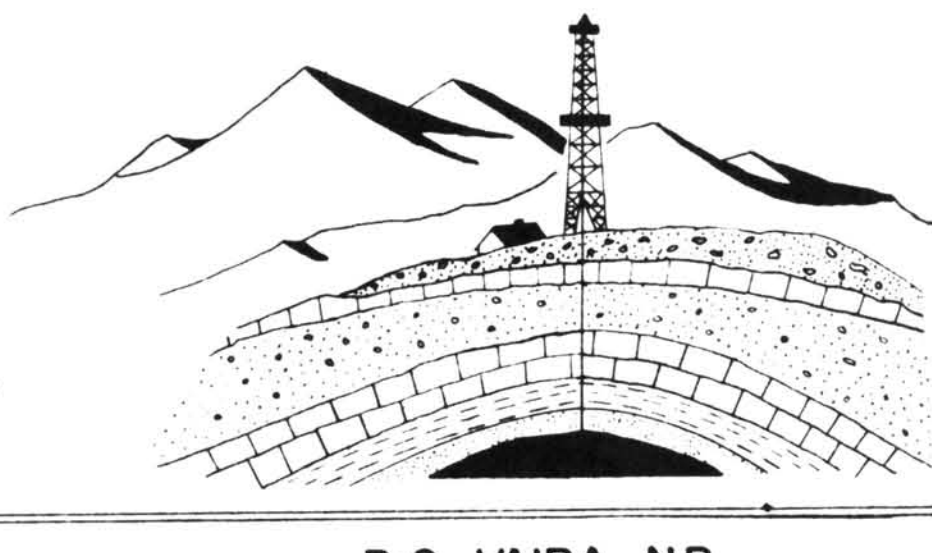


Northwest Geological Service



LOG NO. 274

COMPANY **McALESTER FUEL CO.** LEASE AND NO. **B-2 VAIRA NP**
 STATE OR PROVINCE **MONTANA** COUNTY **RICHLAND** AREA **SPRING LAKE**
 LOCATION **CNE NW** SEC **35** T **25N** R **54E** GRND. ELEV **2326 KB 2338**
 TOTAL DEPTH **12,166** SPUNDED **2-11-63** COMPLETED **6-24-63**
 REMARKS: **Completed from Red River**

GEOLOGIC SECTION **MISSISSIPPIAN: Charles, Mission Canyon, Lodgepole**

DATE **Oct. 1964**

GAMMA	Depth Testing	PHOTO LOG	LATEROLOG	REMARKS
		++		Salt, strks ls, dns, s/peld, & dolo.
		++		Salt, strks dolo, slty, argil & anhy.
		++		Salt, strks ls, dns, argil & dolo, slty.
		++		Salt, strks ls, dns & dolo, slty.
		++		Salt, strks ls, dolo & anhy, m/sh.
		++		Salt, m/cv.
	7800	++		Salt, strks dolo, argil, anhytc, & ls & anhy.
		++		Salt, f/strks dolo & anhy.
		++		Salt, strks dolo, slty, anhytc.
		++		Salt, strks dolo, as abv.
		++		Salt, strks dolo, slty, grdg to slt.
		++		Salt, strks dolo & ls.
		++		Salt, strks dolo, slty, argil.
		++		Salt.
	7900	++		ls, dns to subchky, argil, slty, salt incl.
		++		ls, dns to subchky, argil, slty, salt incl.
		++		Salt, strks dolo, slty, argil.
		++		Salt, strks anhy, argil & sh.
		++		Salt, strks ls, argil, dolotc.
		++		Salt.
		++		ls, subchky, argil, w/salt & anhy incl.
		++		ls, dns to chky, argil, dolotc, salt incl.
	8000	++		ls, subchky, argil, salt incl, strks sh.
		++		ls, subchky, argil, silc, salt incl.
		++		TSalt.
		++		Anhy, acicular, dns, argil.
		++		Anhy, acicular, dns, strk ls, fosif.
		++		Dolo, subchky, argil, sdy, anhytc.
		++		Salt, strks anhy, & dolo, slty.
		++		Anhy, dns, argil, dolotc, slty.
		++		ls, subchky, dolotc, tr fos frgs, argil, salt incl.
		++		Anhy, acicular, dns, dolotc, incl dolo.
		++		ls, dns, argil, tr fos frgs, s/c-l
		++		Salt?, strks anhy & ls.
		++		ls, subchky, dolotc, tr fos frgs, w/anhy & salt incl.
		++		ls, dns to subchky, argil, tr fos frgs, tr c-c.
		++		ls, subchky, argil, dolotc, w/salt & anhy incl.
		++		ls, dns to subchky, argil, tr fos frgs, anhy & salt incl.
		++		Anhy, dns, argil, sdy, dolotc.
		++		Anhy, dns, sdy, argil, dolotc, strk ls, argil, fos frgs.
		++		ls, subchky, argil, dolotc, salt & anhy incl.
		++		TSalt, incl anhy, argil, dolotc, slty.
		++		TSalt, strks anhy & dolo.
		++		Anhy, argil, dolotc, sdy, strks ls
		++		ls, subchky, argil, sl slty, tr fos frgs, salt incl.
		++		Anhy, dns, v argil, sl slty.
		++		Anhy, acicular, dns, dolotc, strks ls.
		++		Anhy, dns, argil, dolotc, strks dolo, argil, slty.
		++		Anhy, dns, dolotc, strks ls, argil.
		++		Anhy, dns, argil, dolotc, slty, strks dolo.
		++		ls, subchky, argil, dolotc, slty, strks anhy.
		++		ls, subchky, argil, dolotc, slty, tr fos frgs, grdg to dolo.
		++		ls & dolo as abv, s/anhy.
		++		ls, subchky, fosif, dolotc, argil, slty.
		++		sh, strks ls, subchky, argil, slty
		++		ls, fos frgtl, brach, argil, subchky, dolotc, slty, sl chky por.
		++		ls, fos frgtl, brach, argil, tr foram.
		++		ls, fos frgtl, brach, argil, tr anhy xls.
		++		ls, subchky, fosif, argil, psbl sl chky por.
		++		ls, fos frgtl, brach, crin, bryon, argil, sl silc.
		++		ls, argil, fosif, brach, spcls, sl dolotc, sl chky por.
		++		ls, subchky, fosif, argil, sl dolotc.
		++		ls, argil, fosif.
		++		ls, fos frgtl, brach, bryon, argil.
		++		ls, fos frgtl, argil, sl silc.
		++		ls, as abv.
		++		ls, argil, fosif, dolotc.
		++		ls, argil, dolotc, fos frgs, psbl sl chky por.
		++		ls, fos frgtl, crin, brach, argil.
		++		ls, fos frgtl, brach, bryon, argil.
		++		ls, argil, dolotc, fosif, psbl sl chky por.
		++		ls, fos frgtl, brach, argil.
		++		ls, fos frgtl, bryon, crin, brach, argil.
		++		ls, fos frgtl, crin, brach, bryon, argil, sl por.
		++		ls, fos frgtl, crin, bryon, argil, loc, sl por.
		++		ls, fos frgtl, crin, bryon, c-c to, argil loc.
		++		ls, fos frgtl, crin, bryon, brach, sl por.
		++		ls, fos frgtl, argil, brach, crin.
		++		ls, fos frgtl, brach, bryon, argil.
		++		ls, fos frgtl, brach, bryon, argil, sl silc.
		++		ls, fosif, s/fos frgtl, brach, bryon, argil.
		++		ls, fosif, argil, subchky loc.
		++		ls, fos frgtl, brach, bryon, crin, argil, sl silc.
		++		ls, fnly fos frgtl, argil, sl silc, s/ch.
		++		ls, as abv, s/ch.
		++		ls, fosif, brach, bryon, argil, sl silc.
		++		ls, fosif, brach, bryon, argil, s/ch.
		++		ls, fos frgtl, brach, bryon, argil.
		++		ls, fos frgtl, brach, bryon, argil, sl silc.
		++		ls, fos frgtl, crin, bryon, argil, sl silc, psbl sl por.
		++		ls, fos frgtl, crin, bryon, silc, argil.
		++		ls, fos frgtl, brach, crin, bryon, argil.
		++		ls, fos frgtl, crin, bryon, argil, silc, sl por.
		++		ls, argil, fosif, brach, bryon, stylo.
		++		ls, fosif, s/fos frgtl, brach, bryon, argil.
		++		ls, fosif, argil, subchky loc.
		++		ls, fos frgtl, brach, bryon, crin, argil, sl silc.
		++		ls, fnly fos frgtl, argil, sl silc, s/ch.
		++		ls, as abv, s/ch.
		++		ls, fosif, brach, bryon, argil, sl silc.
		++		ls, fosif, brach, bryon, argil, s/ch.
		++		ls, fos frgtl, brach, bryon, argil.
		++		ls, fos frgtl, brach, bryon, argil, sl silc.
		++		ls, fos frgtl, crin, bryon, argil, sl silc, psbl sl por.
		++		ls, fos frgtl, crin, bryon, silc, argil.
		++		ls, fos frgtl, brach, crin, bryon, argil.
		++		ls, fos frgtl, crin, bryon, argil, silc, sl por.
		++		ls, argil, fosif, brach, spcls, sl silc, pyr.
		++		ls, dns, argil, fn fos frgs.
		++		ls, argil, fn fos frgs.
		++		ls, dns, argil, fn fos frgs, spcls.
		++		ls, dns, argil, fnly fosif, spcls, brach, tr ch.