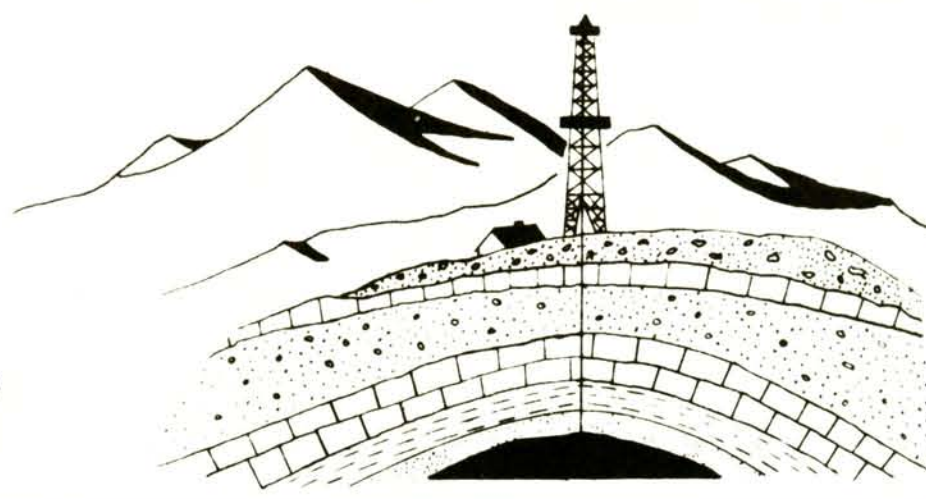


Northwest Geological Service



LOG NO. 214

COMPANY **PHILLIPS PETROLEUM CORP.** LEASE AND NO. #1 **McCAULEY**
 STATE OR PROVINCE **MONTANA** COUNTY **ROOSEVELT** AREA _____
 LOCATION **NW NW** SEC. **35** T. **30N** R. **57E** GRND. ELEV. _____
 TOTAL DEPTH **8754** SPUDED **2-9-63** COMPLETED _____
 REMARKS: **Photo Enlargement X 10. IPP-70 BO, 100 BW in 22 hrs from RATCLIFFE.**

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

DATE **July 1963**

GAMMA RAY	Depth Testing	PHOTO-LOG	LATER LOG	REMARKS	
	7900	++ ++ + ++ + ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++		Salt w/anhy, argil, slty.	
		++ ++		Salt w/anhy & dolo, argil.	
		++ ++			Salt w/strks sh.
		++ ++			Dolo, argil, slty w/salt.
		++ ++			Salt.
		++ ++			Dolo, argil, slty w/salt & anhy.
		++ ++			Salt.
		++ ++			Dolo, argil, slty w/salt & anhy.
		++ ++			Salt w/anhy & dolo.
		++ ++			Ls, dns, argil, intel anhy & salt.
		++ ++			Salt w/anhy, dolo & ls.
		++ ++			Ls, dns, argil, slty, intel anhy & salt.
		++ ++			Ls, dns, to chky, argil, slty dolote, salt incls.
		++ ++			Ls, dns, anhytc, intel anhy.
		++ ++			Ls, dns, argil, f/silt grs, intel anhy & salt.
		++ ++			Salt, intel ls & anhy.
		++ ++			Salt, intel ls & anhy.
		++ ++			Salt, intel ls, anhy & dolo.
		++ ++			Salt, intel ls & anhy.
		++ ++			Ls, dns, sl argil, f/silt grs, tr fos frgs.
	++ ++		Ls, dns, argil, f/ostr, anhy xls.		
	++ ++		Ls, dns, to chky, dolote, tr fos frgs, sl slty, salt incls.		
	++ ++		Ls, argil, silc, fn fos frgs, silty loc.		
	++ ++		Ls, subchky, sl oolite, fn fos frgs, silc, sl por, salt incls?		
	++ ++		Salt intel anhy, ls & slst.		
	++ ++		Anhy, dns, argil, dolote, intel dolo & salt.		
	++ ++		Salt intel ls & anhy.		
	++ ++		Anhy, dolote, sdy, w/salt.		
	++ ++		Ls, argil, salt incls w/dolo, sdy.		
	++ ++		Ls, dns, w/anhy & salt incls, tr slst.		
	++ ++		Salt intel anhy, s/ls, fosif & slst.		
	++ ++		Ls, anhytc, fn fos frgs, intel anhy & salt.		
	++ ++		Ls, dns, fn fos frgs, sl anhytc.		
	++ ++		Ls, dns, argil, tr fn fos frgs.		
	++ ++		Anhy, argil, strks ls, dns.		
	++ ++		Anhy, dns, sl argil, tr ls, argil.		
	++ ++		Ls, chky, fnly fosif, dolote, argil, sl por, tr slst.		
	++ ++		Ls, dns, argil, tr fos frgs, sl slty, strks anhy & slst.		
	++ ++		Salt.		
	++ ++		Salt, strks anhy & ls, argil.		
	++ ++		Ls, dns to chky, dolote, anhytc, slty.		
	++ ++		Anhy, dns, dolote, slty, strks ls, argil.		
	++ ++		Anhy, dns, argil, f/stks ls.		
	++ ++		Anhy, dns, argil, dolote, slty.		
	++ ++		Ls, anhytc, fn fos frgs, argil, sl slty.		
	++ ++		Anhy, dns, argil w/strks ls, slty.		
	++ ++		Ls, mud, peld, s/algae, m/xln clc.		
	++ ++		Ls, frgtl, dtrl Garwoodia, lime mud mat, sl c-ctc, f/forams.		
	++ ++		Ls, fnly fosif, crin, brach, ostr, subchky.		
	++ ++		Dolo, v argil.		
	++ ++		Ls, fnly fosif, calcisphaeres, ostr, brach, crin, silc.		
	++ ++		Ls, fos frgtl, brach, cor, crin, s/dtrl lime mud.		
	++ ++		Ls, mud, f/ostr, faint peld, s/xln clc, tr xln anhy, sl.		
	++ ++		Ls, fnly fos frgtl, ostr, brach, s/dtrl lime mud.		
	++ ++		Ls, fnly fos frgtl, c-ltc, subchky, argil, tr chky por.		
	++ ++		Ls, fnly fos frgtl, subchky, argil, dolote, sl por.		
	++ ++		Ls, fnly fosif, crin, brach, argil.		

3
G
O
1
1
0
8
7
0
0
W
2