



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY NORTHERN NATURAL GAS PRODUCING CO. DATE ON 7/24/57 FILE NO. RP-2-1709 FC
 WELL MC KENZIE-FLB-"A"-1 DATE OFF 7/27/57 ENGRS. WEH, LLC
 FIELD MC KENZIE FORMATION "J" SAND ELEV. 4543' KB
 COUNTY WELD STATE COLORADO DRLG. FLD. OIL EMULSION CORES DIAMOND
 LOCATION C NE SW SEC 13-9N-57W REMARKS SAMPLED BY CLI ENGINEER



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TABULAR DATA and INTERPRETATION

SAMPLE NUMBER	DEPTH FEET	PERM. MD.	POROSITY %	RESIDUAL SATURATION % PORE SPACE		VERTICAL PERMEABILITY	PROD
				OIL	TOTAL WATER		
1	5942-43	0.0	6.5	18.8	53.0	0.0	
2	43-44	0.0	7.6	15.8	28.8	0.0	
3	44-45	0.0	4.6	15.2	21.7	0.0	
4	45-46	0.0	10.0	12.0	40.0	0.0	
5	46-47	0.0	5.2	22.9	49.9	0.0	
6	47-48	0.0	4.4	27.2	50.0	0.0	
7	48-49	0.0	3.6	24.9	61.0	0.0	
8	49-50	0.0	8.3	10.9	55.4	0.0	
9	50-51	82	16.3	15.9	33.8	71	OIL
10	51-52	53	16.8	13.7	34.5	40	OIL
11	52-53	0.0	8.3	9.6	18.1	0.0	
12	5953-54	0.0	7.3	9.6	86.5	0.0	
13	5955-56	0.0	10.7	10.3	42.0	0.0	
14	56-57	0.0	9.6	15.7	37.6	0.0	
15	57-58	0.0	6.4	21.8	45.3	0.0	
16	58-59	0.0	8.8	10.2	35.2	0.0	
17	59-60	69	13.4	17.9	29.8	68	OIL
18	60-61	135	15.5	16.8	34.8	122	OIL
19	61-62	110	13.9	16.5	30.2	33	OIL
20	62-63	38	14.2	16.9	29.6	27	OIL
21	63-64	0.0	11.3	13.3	44.2	0.0	
22	64-65	0.0	8.4	10.8	34.9	0.0	
23	65-66	15	10.2	14.7	31.4	10	OIL
24	66-67	19	10.4	15.4	29.8	8.0	OIL
25	67-68	0.0	7.5	9.3	33.3	0.0	
26	68-69	0.0	12.0	12.5	44.1	0.0	
27	69-70	0.0	7.9	0.0	74.9	0.0	
28	70-71	0.0	6.3	0.0	55.6	0.0	
29	71-72	0.0	7.8	0.0	77.0	0.0	
30	72-73	0.0	6.6	0.0	65.1	0.0	
31	73-74	0.0	7.1	0.0	77.5	0.0	
32	74-75	0.0	7.4	0.0	63.5	0.0	
33	75-76	0.0	7.5	0.0	64.0	0.0	
34	76-77	0.0	9.7	7.2	81.6	0.0	
35	77-78	0.0	13.3	0.0	75.1	0.0	
36	78-79	0.0	12.1	10.7	63.6	0.0	
37	79-80	0.0	9.9	0.0	71.6	0.0	

COMPLETION COREGRAPH

