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**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*  
**DALLAS, TEXAS**

JUN 25 1974

Company AMOCO PRODUCTION COMPANY Formation "J" SAND COLO. OIL & GAS CONS. Page 1 of 2 COMM.  
 Well #1 JACOB SCHLEGEL Cores DIA CONV File RP-4-2897  
 Field WATTENBERG Drilling Fluid WB Date Report 2-7-74  
 County WELD State COLORADO Elevation 4886 KB Analysts KB: RH  
 Location NE SW NE SEC 32-3N-65W Remarks \_\_\_\_\_

**CORE ANALYSIS RESULTS**

(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		MAX.	90°		OIL % VOLUME	% PORE TOTAL WATER % PORE		
1	7677-78	0.05	0.05	5.4	1.9	63.0	Sd, gy fg	slty tr/carb incl
2	-79	0.15	0.11	11.7	0.9	28.0	Sd, gy fg	tr/carb incl
3	-80	0.04	0.04	8.9	2.2	30.3	Sd, gy fg	slty
4	-81	0.42	0.30	7.1	1.4	35.2	Sd, gy fg	
5	-82	0.23	0.04	10.4	1.9	29.7	Sd, gy fg	
6	-83	0.11	0.10	5.0	10.0	61.9	Sd, gy fg	
7	-84	0.10	0.07	6.8	1.5	51.4	Sd, gy fg	
8	-85	0.08	0.07	12.8	5.5	28.1	Sd, gy fg	
9	-86	0.22	0.08	6.2	8.1	64.6	Sd, gy fg	
10	-87	0.06	0.04	8.9	1.1	39.4	Sd, gy fg	
11	-88	0.07	0.07	11.1	5.4	30.6	Sd, gy fg	
12	-89	0.10	0.06	6.3	12.7	49.3	Sd, gy fg	
13	-90	0.07	0.05	6.0	1.7	65.1	Sd, gy fg	
14	-91	0.08	0.08	10.5	5.7	38.1	Sd, gy fg	
15	-92	0.43	0.07	7.5	2.7	57.4	Sd, gy fg	
16	-93	0.08	0.06	10.0	7.0	37.0	Sd, gy fg	VF
17	-94	0.05	0.05	4.9	12.2	59.2	Sd, gy fg	
18	-95	0.09	0.09	6.5	3.1	70.7	Sd, gy vfg	
19	-96	0.11	0.06	7.6	0.0	48.7	Sd, gy vfg	
20	-97	0.07	0.05	5.1	2.0	60.8	Sd, gy vfg	
21	-98	12	0.66	7.9	1.3	54.4	Sd, gy vfg	VF
22	-99	0.07	0.07	8.6	0.0	45.3	Sd, gy vf-fg	
23	7699-00	0.06	0.02	9.9	0.0	38.4	Sd, gy vf-fg	
24	7700-01	1.0	0.02	5.7	0.0	71.9	Sd, gy vfg	
25	-02	0.75	0.02	4.9	14.2	63.3	Sd, gy vfg	
26	-03	0.90	0.28	10.0	0.0	65.0	Sd, gy vfg	
27	-04	481	2.3	5.7	1.8	79.0	Sd, gy vfg	VF
28	-05	0.04	0.04	6.0	0.0	80.0	Sd, gy vfg	VF
29	-06	0.08	0.06	6.8	0.0	82.4	Sd, gy vfg	VF
30	-07	0.05	0.03	6.5	0.0	73.8	Sd, gy vfg	
31	-08	0.15	0.06	5.7	0.0	80.6	Sd, gy vfg tr/slt lam	VF
32	-09	0.10	0.05	2.9	0.0	72.4	Sd, gy vfg tr/slt lam	
33	-10	1.2	0.06	3.8	0.0	81.6	Sd, gy fg sh lam	VF
34	-11	0.18	0.07	4.4	0.0	72.7	Sd, gy fg sh lam	
35	-12	0.04	0.04	4.9	0.0	77.6	Sd, gy fg sh lam	
36	-13	0.11	0.11	5.7	0.0	66.7	Sd, gy fg sh lam	
37	-14	0.08	0.05	7.3	0.0	72.6	Sd, tn vfg slty	
38	-15	0.05	0.05	4.4	2.3	63.7	Sd, tn vfg slty sh incl	
39	-16	0.04	0.02	4.7	2.1	68.1	Sd, tn vfg slty sh lam	
40	7716-17	45	0.56	4.7	2.1	76.6	Sd, tn vfg slty sh lam	HF

**NOTE:**

- (\*) REFER TO ATTACHED LETTER.  
 (1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

- (2) OFF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS.

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		MAX.	90°		OIL % VOLUME % PORE	TOTAL WATER % PORE		
41	7717-18	0.31	0.13	4.4	0.0	77.2	Sd, tn vfg slty sh lam	HF VF
42	-19	0.06	0.03	4.2	0.0	73.7	Sd, tn vfg slty w/sh lam	
43	-20	0.29	0.13	6.2	1.6	50.0	Sd, tn vfg slty tr/sh lam	VF
44	-21	33	0.84	6.3	1.6	52.4	Sd, tn fg slty	HF
45	-22	0.11	0.07	7.8	1.3	47.4	Sd, tn fg slty sh incl	
46	-23	3.7	2.6	7.0	1.4	38.6	Sd, tn fg slty sh incl	HF
47	-24	0.54	0.09	8.4	1.2	41.7	Sd, tn fg slty	
48	-25	0.23	0.16	9.6	1.0	34.3	Sd, tn fg slty	
49	-26	0.21	0.09	6.6	0.0	56.2	Sd, tn fg slty tr/sh lam	
50	-27	0.09	0.06	6.8	1.5	45.6	Sd, tn fg slty tr/sh lam	
51	-28	323	17	7.5	0.0	17.3	Sd, tn fg slty tr/sh lam	HF
52	-29	0.27	0.09	6.7	1.5	46.3	Sd, tn fg slty tr/sh lam	
53	-30	0.20	0.11	5.7	1.8	70.1	Sd, tn fg slty tr/sh lam	VF
54	-31	0.82	0.74	5.9	1.7	66.2	Sd, tn fg slty tr/sh lam	
55	-32	0.05	0.05	3.3	0.0	72.8	Sd, gy fg	
56	-33	0.14	0.11	4.6	15.2	56.5	Sd, tn fg slty	VF
57	7733-34	0.17	0.08	6.3	9.5	49.3	Sd, tn fg slty tr/sh incl	

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