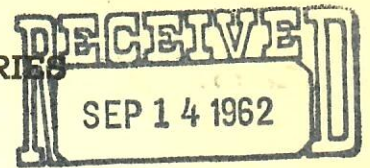


CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 279
Casper, Wyoming



OIL & GAS
CONSERVATION COMMISSION



CORE ANALYSIS REPORT

Company	Continental Oil Company	Date	July 18, 1962	Lab. No.	17624
Well No.	Unit 32-Government	Location	NE SE 4-9N-79W		
Field	McCallum	Formation	Dakota & Lakota		
County	Jackson	Depths	5859 - 5918		
State	Colorado	Drilling Fluid			

C—Crack F—Fracture H—Horizontal O—Open	LEGEND NF—No Fracture IS—Insufficient Sample	S—Slight St—Stain V—Vertical Vu—Vugs
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SAMPLE NO.	LEGEND	DEPTH, FEET	EFFECTIVE POROSITY PERCENT	PERMEABILITY MILLIDARCIES		SATURATIONS		CONNATE WATER	SOLUBILITY			
				HORIZONTAL	VERTICAL	% PORE SPACE RESIDUAL OIL	% PORE SPACE TOTAL WATER		MUD ACID	15 % ACID		
		<u>Dakota</u>										
		<u>Core No. 1</u>	5859 - 5918									
1	VF	5865-66	8.3	0.01	0.01	Trace	94.0					
2	VF	5866-67	6.8	0.01-	0.01-	Trace	94.2					
3	VF	5867-68	7.0	0.01-	0.01-	Trace	92.9					
4	NF	5868-69	5.5	0.01-	0.01-	Trace	98.2					
5	NF	5869-70	6.3	0.01-	0.01-	Trace	91.2					
6	NF	5870-71	7.7	0.01	0.01-	Trace	91.4					
7	NF	5871-72	8.5	0.02	0.01	Trace	91.8					
8	NF	5872-73	10.5	2.30	0.27	14.0	80.2					
		<u>Lakota</u>										
		<u>Core No. 1</u>	5859 - 5918									
9	NF	5873-74	11.4	0.77	0.34	7.2	76.3					
10	NF	5874-75	9.8	33	30	8.1	87.8					
11	NF	5875-76	13.4	2.89	1.93	17.9	61.2					
12	NF	5876-77	15.9	28	17	14.7	81.8					
13	NF	5877-78	15.5	55	58	13.5	63.2					
14	NF	5878-79	15.1	35	31	7.0	68.2					
15	NF	5879-80	14.7	32	34	19.9	66.7					
16	NF	5880-81	14.9	21	51	15.6	72.5					
17	NF	5881-82	13.8	32	16	16.9	74.6					
18	NF	5882-83	15.8	43	25	14.7	55.7					
19	NF	5883-84	14.9	35	25	11.7	48.3					
20	NF	5884-85	14.5	23	16	13.7	70.3					
21	NF	5885-86	11.7	42	15	19.7	75.8					
22	NF	5886-87	9.6	2.23	0.01	Trace	91.0					
23	VF	5887-88	7.9	0.01	0.01	Trace	82.7					
24	NF	5888-89	6.5	0.01	0.01-	Trace	92.3					
25	NF	5889-90	6.2	0.01-	0.01-	Trace	86.0					
26	NF	5890-91	6.9	0.01-	0.01-	Trace	93.0					
27	NF	5891-92	7.3	0.01-	0.01-	Trace	84.1					
28	VF	5892-93	5.7	0.01-	0.01-	Trace	73.9					

Key
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C—Crack
 F—Fracture
 H—Horizontal
 O—Open

LEGEND
 NF—No Fracture
 IS—Insufficient Sample

S—Slight
 St—Stain
 V—Vertical
 Vu—Vugs

SAMPLE NO.	LEGEND	DEPTH, FEET	EFFECTIVE POROSITY % PORESPACE	PERMEABILITY MILLIDARCIES		SATURATIONS		CONNATE WATER	SOLUBILITY	
				HORIZONTAL	VERTICAL	% PORE SPACE RESIDUAL OIL	% PORE SPACE TOTAL WATER		MUD ACID	15 % ACID
29	VF	5893-94	14.7	1.21	0.45	16.7	52.4			
30	NF	5894-95	15.4	1.06	0.61	16.6	57.8			
31	VC	5895-96	14.0	0.58	6.57	16.6	59.3			
32	VF	5896-97	10.0	0.07	0.03	4.7	56.0			
33	NF	5897-98	11.8	3.28	3.17	20.8	56.8			
34	VC	5898-99	11.9	17	16	26.5	48.7			
35	NF	5899-5900	12.0	25	14	25.3	49.2			
36	NF	5900-01	12.6	9.72	5.72	26.0	60.3			
37	VF	5901-02	12.8	39	32	27.3	61.2			
38	VF	5902-03	13.5	42	27	22.4	57.8			
39	NF	5903-04	13.4	70	17	23.5	58.9			
40	VF	5904-05	13.8	51	24	22.8	62.3			
41	NF	5905-06	15.7	103	23	17.1	55.9			
42	VF	5906-07	13.4	141	80	24.4	60.4			
43	VF	5907-08	13.6	83	31	24.9	61.0			
44	NF	5908-09	13.8	93	63	26.2	48.6			
45	VF	5909-10	15.7	111	63	20.8	54.1			
46	VC	5910-11	14.6	130	14	23.9	63.7			
47	VF	5911-12	14.1	121	25	24.8	66.7			
48	VF	5912-13	12.2	76	24	28.7	66.7			
49	VF	5913-14	12.3	23	12	22.8	57.7			
50	VF	5914-15	13.1	48	42	21.4	64.9			
51	VC	5915-16	13.8	39	15	21.2	47.8			
52	VC	5916-17	14.9	48	33	18.8	53.7			
53	VF	5917-18	13.5	62	15	17.3	41.5			

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