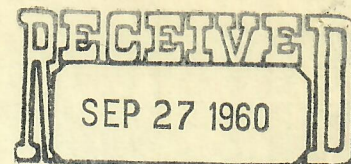




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121-06979
CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Company PETROLEUM, INCORPORATED Formation "D" SAND OIL & GAS
Well COLORADO STATE "AH" NO. 1 Cores DIA. CONV. CONSERVATION COMMISSION
Field WILDCAT Drilling Fluid WATER BASE MUD WITH File RP-2-2322
County WASHINGTON State COLORADO Elevation 4480 KB Date Report 4-27-60
Location C NW SE 16 2N 54W Remarks SERVICE NO. 8 Analysts DI

CORE ANALYSIS RESULTS
(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL			
					% VOLUME	% PORE		
"D" SAND								
1	4770-71	1.3	0.0	13.2	3.8	58.4	(2)	Sandstone, Fine-Grain, Some Clay Filling.
2	4771-72	35	35	18.8	10.1	54.8	(2)	Sandstone, Fine-Grain, Clean.
3	4772-73	71	18	18.7	5.9	52.0	(2)	Sandstone, Fine-Grain, Clean.
4	4775.5-76	28	4.8	16.7	3.0	69.5	(2)	Sandstone, Fine-Grain, Occasional Thin Carbonaceous Partings.
5	4776-77	27	11	19.3	3.1	58.5	(2)	Sandstone, Fine-Grain, Occasional Thin Carbonaceous Partings.
6	4777-78	45	35	17.4	8.6	46.0	(2)	Sandstone, Fine-Grain, Occasional Thin Carbonaceous Partings.
7	4778-79	63	19	19.4	4.1	60.5	(2)	Sandstone, Fine-Grain, Clean.
8	4779-80	5.3	0.9	21.1	3.3	74.5	(2)	Sandstone, Fine-Grain, Thin Shale Laminations, Vertical Fracture.
9	4780-81	32	21	19.5	3.6	83.6	(2)	Sandstone, Fine-Grain, Clean, Vertical Fracture.
10	4781-82	5.9	0.0	20.3	1.0	77.5	(2)	Sandstone, Fine-Grain, Clean, Vertical Fracture.
"J" SAND								
11	4826-27	2.3	0.0	19.3	3.6	78.9	(2)	Sandstone, Fine-Grain, Shaly, Clay Filled.
12	4827-28	15	5.3	20.5	7.3	70.6	(2)	Sandstone, Fine-Grain, Shaly, Clay Filled.
13	4828-29	29	27	25.3	6.3	73.5	(2)	Sandstone, Fine-Grain, Shaly, Clay Filled.
14	4829-30	70	46	26.4	6.8	75.7	(2)	Sandstone, Fine-Grain, Shaly, Clay Filled.
15	4830-31	64	55	22.7	0.9	85.0	(2)	Sandstone, Fine-Grain, Shaly, Clay Filled.
16	4834.5-35	329	160	19.9	13.1	65.4	(2)	Sandstone, Fine-Grain, Clean.
17	4835-36	935	895	22.9	14.4	63.4	(2)	Sandstone, Fine-Grain, Clean.
18	4836-37	152	99	20.9	11.0	68.0	(2)	Sandstone, Fine-Grain, Clean.
19	4837-38	114	102	15.6	9.6	74.4	(2)	Sandstone, Fine-Grain, Clean.
20	4838-39	102	90	15.7	8.9	82.0	(2)	Sandstone, Fine-Grain, Clean.
21	4839-40	61	36	18.2	7.1	80.6	(2)	Sandstone, Fine-Grain, Occasional Thin Carbonaceous Partings.
22	4840-41	73	58	13.1	0.0	94.0	(2)	Sandstone, Fine-Grain, Occasional Thin Carbonaceous Partings.

NOTE:

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

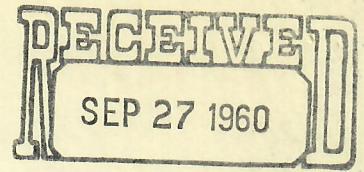


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- (2) OFF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS.

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Field WILDCAT Drilling Fluid WATER BASE MUD WITH File RP-2-2322
County WASHINGTON State COLORADO Elevation 4480 KB Date Report 4-29-60
Location C NW SE 16 2N 54W Remarks SERVICE NO. 8

CORE ANALYSIS RESULTS
(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL % VOLUME	TOTAL WATER % PORE		
23	4841-42	94	92	13.0	0.0	87.8	(2)	Sandstone, Fine-Grain, Occasional Thin Carbonaceous Partings.
24	4850-51	70	4.8	22.6	2.6	89.3	(2)	Sandstone, Fine-Grain, Occasional Thin Carbonaceous Partings.
25	4859-60	234	205	15.9	3.1	85.0	(2)	Sandstone, Fine-Grain, Occasional Thin Shale Laminations.

NOTE:

(*) REFER TO ATTACHED LETTER.

(1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

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

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