



CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering  
DALLAS, TEXAS

*Union Tex. Nat. Gas*

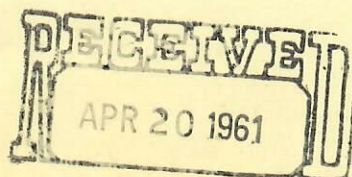
Company **B.F. ALLISON DRILLING COMPANY** Formation **"J" SAND** Page **1** of **1**  
Well **MACNEILL NO. 2 DC-133-A** Core **DIA. CONV.** File **RP-2-2051**  
Field **WILDCAT** Drilling Fluid **WATER BASE MUD WITH** Date Report **12-22-58**  
County **WASHINGTON** State **COLORADO** Elevation **4700 EST.** Analysts **DI**  
Location **SE NE 2 3S 56W** Remarks **SERVICE NO. 8**

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

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL VOLUME % PORE	WATER VOLUME % PORE		
1	5043-44	50	6.9	21.6	14.8	51.8	(2)	Sandstone, Fine-grain, Shale Partings.
2	5044-45	95	44	19.7	14.2	50.8	(2)	Sandstone, Fine-grain, Shale Partings.
3	5045-46	180	177	18.1	16.0	41.5	(2)	Sandstone, Fine-grain, Carbonaceous Inclusions.
4	5046-47	88	70	20.2	14.3	54.9	(2)	Sandstone, Fine-grain, Carbonaceous Inclusions.
5	5047-48	77	70	20.4	15.7	53.4	(2)	Sandstone, Fine-grain, Carbonaceous Inclusions.
6	5048-49	129	121	19.2	17.7	45.9	(2)	Sandstone, Fine-grain, Carbonaceous Inclusions.
7	5049-50	168	140	18.6	15.1	48.5	(2)	Sandstone, Fine-grain, Carbonaceous Inclusions.
8	5050-51	180	165	18.8	16.0	47.3	(2)	Sandstone, Fine-grain, Carbonaceous Inclusions.
9	5051-52	209	192	19.5	16.4	45.5	(2)	Sandstone, Fine-grain, Carbonaceous Inclusions.
10	5052-53	239	212	20.7	15.5	48.4	(2)	Sandstone, Fine-grain, Carbonaceous Inclusions.
11	5053-54	168	59	18.2	12.6	52.1	(2)	Sandstone, Fine-grain, Thin Shale Laminations.
12	5054-55	381	343	16.5	11.5	48.5	(2)	Sandstone, Fine-grain, Thin Shale Laminations.

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OIL & GAS  
OBSERVATION COMMISSION

FROM  
*Ob. Ly.*

NOTE:

(1) REFER TO ATTACHED LETTER.

(2) INCOMPLETE CORE RECOVERY--INTERPRETATION RESERVED.

(3) OFF LOCATION ANALYSES--NO INTERPRETATION OF RESULTS

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