

121-05723

CORE LABORA  
Petroleum Retention Engineering  
DALLAS, TEXAS

APR 24 1961



99999999

OIL & GAS  
CONSERVATION COMMISSION

Company B. F. ALLISON DRILLING COMPANY

Formation

Page 1 of 1

Well # 3 MAC NEILL

Cores DIAMOND CONVENTIONAL

File AP-2-2338

Field MAC NEILL

Drilling Fluid SOAP-OIL EMULSION

Date Report 5/29/60

County WASHINGTON State COLORADO

Elevation 4715 KB

Analyst DOUG INNES

Location C SW NE 2-3S-56W

Remarks SERVICE NO. 8

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

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PERCENT	RESIDUAL SATURATION		PRODUCIBLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL % VOLUME	WATER % PORE		
1	5055-56	74	67	13.4	11.2	41.9	(2)	Sandstone, light gray, fine grain, clean.
2	5056-57	55	46	13.4	20.2	38.8	(2)	Sandstone, light gray, fine grain, clean.
3	5057-58	36	10	17.5	10.9	53.7	(2)	Sandstone, light gray, fine grain, occasional thin carbonaceous partings.
4	5058-59	102	82	11.3	17.7	31.0	(2)	Sandstone, light gray, fine grain, clean, vertical fracture.
5	5059-60	13	7.0	9.4	5.3	35.1	(2)	Sandstone, light gray, fine grain, shale, some clay filling.
6	5060-61	39	31	18.0	12.8	48.5	(2)	Sandstone, light gray, fine grain, occasional thin carbonaceous partings.
7	5061-62	40	7.4	18.5	10.8	50.4	(2)	Sandstone, light gray, fine grain, occasional thin carbonaceous partings.
8	5062-63	152	131	17.8	16.8	44.5	(2)	Sandstone, light gray, fine grain, clean, vertical fracture.
9	5063-64	89	53	17.4	16.1	47.1	(2)	Sandstone, light gray, fine grain, occasional thin carbonaceous partings.
10	5064-65	280	205	18.5	12.4	40.5	(2)	Sandstone, light gray, fine grain, occasional thin carbonaceous partings.
11	5065-66	240	207	16.6	15.6	41.5	(2)	Sandstone, light gray, fine grain, clean, vertical fracture.
12	5066-67	363	325	14.8	17.6	43.3	(2)	Sandstone, light gray, medium grain clean.
13	5067-68	585	565	15.9	18.9	43.5	(2)	Sandstone, light gray, fine grain, clean, vertical fracture.
14	5068-69	307	182	18.2	14.8	51.0	(2)	Sandstone, fine grain, light gray, occasional thin carbonaceous partings.
15	5069-70	510	430	17.4	14.4	46.0	(2)	Sandstone, fine grain, light gray, clean.
16	5070-71	465	352	19.1	17.3	46.6	(2)	Sandstone, light gray, fine grain, occasional thin carbonaceous partings.
17	5071-72	660	625	18.4	12.5	49.5	(2)	Sandstone, fine gray, clean.

1) REFER TO ATTACHED LETTER

2) INCOMPLETE CORE RECOVERY--INTERPRETATION RESERVED

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

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, they are made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. All errors and omissions are the responsibility of Core Laboratories, Inc. and its officers and employees assume no responsibility and make no warranty or representations as to the profitability of any oil, gas or other mineral well or land in connection with which such report is used or relied upon.



00834428