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CORE ANALYSIS REPORT
FOR
PENNZOIL COMPANY

L. S. GOFF W-15 NO. WELL
SPENCER FIELD
ROANE COUNTY, WEST VIRGINIA



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

September 25, 1964

Pennzoil Company
Union Trust Building
Parkersburg, West Virginia

Attention: Mr. P. J. Burns

Subject: Core Analysis
L. S. Goff No. W-15 Well
Spencer Field
Roane County, West Virginia
Our File Number: SCAL-64281

Gentlemen:

Recorded in tabular and graphical form on the attached Coregraph are the results of core analysis obtained on samples of Big Injun sand from the subject well.

Two permeable samples were analyzed in the interval 1949.5 through 1953.5 feet. The measured fluid saturations obtained on these samples indicate the possibility of gas production. The more porous samples analyzed between 1958.5 and 1987.5 feet yielded residual fluid saturations indicating the zone to possibly be oil productive. However, the measured permeabilities are extremely low and it is not believed that a successful well completion could be made in this interval even with successful well stimulation techniques. Below 1987.5 feet the formation is interpreted to be water productive.

The sand analyzed in this well appears to be high in clay content and it is possible that dehydration of the clays has caused the measured porosity values to be too high. Additional testing is currently underway on samples from this zone in an attempt to obtain a more accurate evaluation of the porosity and to provide a guide for future methods of analysis of this sand.

We are pleased to be of service.

Very truly yours,

Core Laboratories, Inc.

W. R. Aufrecht (SES)
W. R. Aufrecht, Supervisor
Special Core Analysis Laboratory

WRA:mb

10 cc. - Addressee

CORE LABORATORIES, INC.



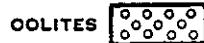
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Petroleum Reservoir Engineering

COMPANY PENNZOIL COMPANY FILE NO. SCAL-64281
 WELL L. S. GOFF NO. W-15 DATE 9-14-64 ENGRS. BS
 FIELD SPENCER FORMATION BIG INJUN ELEV.
 COUNTY ROANE STATE W. VIRGINIA DRLG. FLD. WATER BASE MUD CORES DIAMOND
 LOCATION _____ REMARKS _____

COMPLETION COREGRAPH

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SAMPLE CHARACTERISTICS
 F=Fractured L=Laminated FG; MG; CG=Type Grain Size S=Stylolitic V=Vuggy

PROBABLE PRODUCTION
 O=Oil W=Water G=Gas T=Transitional

TOTAL WATER O—O
 PERCENT PORE SPACE
 75 50 25

