

OREGON NATURAL GAS DEV. CORP.  
\*CROWN ZELLERBACH\* #1  
TILLAMOOK FIELD  
TILLAMOOK COUNTY, OREGON

DATE : 18-JAN-60  
FORMATION :  
DRLG. FLUID: WB  
LOCATION : SEC.13.-T2S/R10W

FILE NO : 08827  
LABORATORY: BAKERSFIE  
ANALYSTS : DLK  
ELEVATION : 240'GR

SIDEWALL CORE ANALYSIS

| REC IN | DEPTH  | PERM MD | FOR % | OIL% FORE | WTR% PORE | O/W RATIO | SAMPLE WEIGHT | DESCRIPTION                               |
|--------|--------|---------|-------|-----------|-----------|-----------|---------------|---|
| 1.7    | 2598.0 | 234.    | 30.0  | 0.0       | 82.2      | 0.00      | 7.40          | SD;GY,VF-MGR,SLTY,VCALC,NO STN,NO FLU     |
| 2.0    | 2755.0 | 42.     | 26.8  | 0.0       | 79.4      | 0.00      | 8.43          | SH;GY-BRN,VFGR SDY,SLTY LAM,CALC,NO STN,N |
| 1.5    | 2816.0 | 3.2     | 32.0  | 0.1       | 83.6      | 0.00      | 6.68          | SH;BRN-GY,CALC,NO STN,NO FLU              |
| 1.8    | 3038.0 | 162.    | 27.5  | 0.0       | 84.8      | 0.00      | 10.42         | SD;TAN-GY,VF-CGR,VSLTY,CALC,NO STN,NO FLU |
| 1.0    | 3344.0 | 140.    | 30.4  | 0.0       | 77.2      | 0.00      | 8.92          | SD;TAN-GY,VF-MGR,VSLTY,VCALC,NO STN,NO FL |

CORE ANALYSIS REPORT

FOR

OREGON NATURAL GAS DEV. CORP.

\*CROWN ZELLERBACH\* #1  
TILLAMOOK FIELD  
TILLAMOOK COUNTY, OREGON

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

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