

**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*

DALLAS, TEXAS

|                                |             |                                             |            |               |
|--------------------------------|-------------|---------------------------------------------|------------|---------------|
| GEITY OIL COMPANY              | DATE        | 12-15-61                                    | FILE NO    | 6202-12718    |
| MEYERS LANGLEIE-WATTIX NO. 205 | FORMATION   | QUEEN                                       | ANALYSTS   | DEVIER        |
| LANGLEIE-WATTIX FIELD          | DRUG, FLUID | BRINE WATER                                 | LABORATORY | MIDLAND TEXAS |
| LEA COUNTY, NEW MEXICO         | LOCATION    | 860' FNL & 660' FUL, SEC. 7, T-24-S, R-37-E |            |               |

FULL DIAMETER ANALYSIS & CONVENTIONAL ANALYSIS

| SAMPLE<br>NUMBER                         | DEPTH<br>FEET | PERM<br>MAXIMUM | PERM<br>90 DEG | FLD<br>POR | HE<br>POR | OILZ<br>PORE | WTRZ<br>PORE | GRAIN<br>DEN | DESCRIPTION           |
|------------------------------------------|---------------|-----------------|----------------|------------|-----------|--------------|--------------|--------------|-----------------------|
| CORE NO. 1 3380.0-3438.0 CUT 58' REC 56' |               |                 |                |            |           |              |              |              |                       |
| 1                                        | 3380.0-81.0   | 0.07            | 0.04           |            | 1.9       | 25.0         | 68.7         | 2.83         | DOL PP STY            |
| 2                                        | 3381.0-82.0   | 0.08            | 0.08           |            | 9.4       | 20.1         | 33.5         | 2.84         | DOL PP STY            |
| 3                                        | 3382.0-83.0   | 0.17            | 0.12           |            | 10.2      | 19.8         | 29.3         | 2.83         | DOL PP STY            |
| 4                                        | 3383.0-84.0   | 0.98            | 0.04           |            | 3.9       | 15.6         | 40.0         | 2.86         | DOL VF PP STY         |
| 5                                        | 3384.0-85.0   | 0.46            | 0.09           |            | 4.1       | 10.6         | 55.3         | 2.86         | DOL VF SL/V SHLAM STY |
| 6                                        | 3385.0-86.0   | 0.18            | 0.15           |            | 7.9       | 12.4         | 48.6         | 2.84         | DOL PP STY            |
| 7                                        | 3386.0-87.0   | 0.09            | 0.09           |            | 11.0      | 6.1          | 36.1         | 2.82         | DOL PP STY            |
| 8                                        | 3387.0-88.0   | 0.47            | 0.41           |            | 10.2      | 4.7          | 22.4         | 2.84         | DOL PP                |
| 9                                        | 3388.0-89.0   | 0.16            | 0.10           |            | 4.1       | 4.9          | 36.6         | 2.82         | DOL VF PP             |
| 10                                       | 3389.0-90.0   | 0.05            | 0.02           |            | 5.7       | 8.2          | 41.0         | 2.86         | DOL SL/ANHY VF PP     |
| 11                                       | 3390.0-91.0   | 0.11            | 0.07           |            | 8.5       | 24.6         | 27.1         | 2.87         | DOL SL/ANHY STY       |
| 12                                       | 3391.0-92.0   | 0.10            | 0.10           |            | 3.3       | 6.7          | 30.0         | 2.84         | DOL SL/ANHY VF STY    |
| 13                                       | 3392.0-93.0   | 0.18            | 0.11           |            | 1.7       | 19.0         | 38.1         | 2.88         | DOL ANHY STY          |
| 14                                       | 3393.0-94.0   | 0.06            | 0.06           |            | 1.6       | 19.0         | 71.4         | 2.83         | DOL ANHY SL/SHY STY   |
|                                          | 3394.0-14.0   |                 |                |            |           |              |              |              | NA DOL ANHY SHLAM     |
|                                          | 3414.0-17.0   |                 |                |            |           |              |              |              | NA DOL PP SHLAM       |
| 15                                       | 3417.0-18.0   | 0.05            | 0.02           |            | 2.9       | 12.5         | 68.7         | 2.84         | DOL PP                |
| 16                                       | 3418.0-19.0   | 3.3             | 0.04           |            | 4.4       | 10.3         | 69.2         | 2.82         | DOL VF PP STY         |
| 17                                       | 3419.0-20.0   | 0.29            | 0.03           |            | 1.4       | 9.5          | 66.7         | 2.84         | DOL VF                |
|                                          | 3420.0-21.0   |                 |                |            |           |              |              |              | NA SH DOLC SHLAM      |
| 18                                       | 3421.0-22.0   | 0.06            | <0.01          |            | 2.1       | 15.4         | 65.4         | 2.83         | DOL PP STY            |
|                                          | 3422.0-36.0   |                 |                |            |           |              |              |              | NA DOL VF SHLAM STY   |
|                                          | 3436.0-36.0   |                 |                |            |           |              |              |              | LOST CORE             |

CORE NO. 2 3438.0-3498.0 CUT 60' REC 60'