

30-001-05001

CA 20

## CORE LABORATORIES, INC.

Petroleum Reservoir Engineering  
DALLAS, TEXAS

Page No.

## CORE ANALYSIS RESULTS

Company SOUTHERN UNION PRODUCTION CO. Formation ENTRADA File RP-3-1877  
 Well TIJERAS CANYON NO. 2 Core Type DIA. CONV. Date Report 4-4-64  
 Field GAS STORAGE WELL Drilling Fluid WATER BASE-NO OIL Analysts HUFF  
 County BERNALILLO State N. MEX. Elev. 6537 GL Location Sec 12 T10N R5E

## Lithological Abbreviations

| SANDY TO<br>SHALE-SH<br>LIME-LM | DOLOMITE COL<br>CHERT-CH<br>GYPSUM-GYP | ANHYDRITE ANHY<br>CONGLOMERATE CONG<br>FOSSILIFEROUS-FOSS | SANDY-SH<br>SHALE-SH<br>LIME-LM | FINE-FN<br>MEDIUM-MED<br>COARSE-CSE  | CRYSTALLINE-CLN<br>UPHAIN-UPH<br>GRANULAR-GRNL | BROWN-BRN<br>GRAY-GY<br>VUGGY-VGY | FRACTURED FRAC<br>LAMINATION-LAM<br>STYLOLITIC-STY | SLIGHTLY-SL<br>VERY-V/<br>WITH-W/ |
|---------------------------------|----------------------------------------|-----------------------------------------------------------|---------------------------------|--------------------------------------|------------------------------------------------|-----------------------------------|----------------------------------------------------|-----------------------------------|
| SAMPLE<br>NUMBER                | DEPTH<br>FEET                          | PERMEABILITY<br>MILLIDARCY<br>Ka                          | POROSITY<br>PER CENT            | RESIDUAL SATURATION<br>PER CENT PORE |                                                | SAMPLE DESCRIPTION<br>AND REMARKS |                                                    |                                   |
|                                 |                                        |                                                           |                                 | OIL                                  | TOTAL<br>WATER                                 |                                   |                                                    |                                   |

| SAMPLE<br>NUMBER | DEPTH<br>FEET | PERMEABILITY<br>MILLIDARCY<br>Ka | POROSITY<br>PER CENT | RESIDUAL SATURATION<br>PER CENT PORE | SAMPLE DESCRIPTION<br>AND REMARKS |                                   |
|------------------|---------------|----------------------------------|----------------------|--------------------------------------|-----------------------------------|-----------------------------------|
|                  |               |                                  |                      | OIL                                  | TOTAL<br>WATER                    |                                   |
| 1                | 1596          | 0.04                             | 8.3                  |                                      |                                   | Sandstone fine grained            |
| 2                | 1598          | 0.04                             | 10.7                 |                                      |                                   | Sandstone fine grained            |
| 3                | 1600          | 0.07                             | 8.9                  |                                      |                                   | Sandstone fine grained, vert frac |
| 4                | 1604          | 0.15                             | 10.1                 |                                      |                                   | Sandstone fine grained            |
| 5                | 1606          | 0.10                             | 10.0                 |                                      |                                   | Sandstone fine grained            |
| 6                | 1608          | 0.04                             | 7.4                  |                                      |                                   | Sandstone fine grained            |
| 7                | 1609          | 0.16                             | 11.7                 |                                      |                                   | Sandstone fine grained            |

MAIN OFFICE OCC  
1964 MAY 21 AM 5 12

## SERVICE NO. 8 PERMEABILITY AND POROSITY ONLY.

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 many statistics and 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 representation, as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or field in connection with which such report is used or relied upon.