

CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering

DALLAS, TEXAS

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STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: SANTA RITA EXPLORATION CORP.  
FIELD : TWIN LAKES FIELD

WELL : MOONSHINE NO. 18--4  
COUNTY, STATE: CHAVES COUNTY, NEW MEXICO

AIR PERMEABILITY : MD. ( HORIZONTAL ) RANGE USED 0.010 TO 5000.  
POROSITY : PERCENT ( HELIUM ) RANGE USED 0.0 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 2684.0 - 2744.0 INTERVAL LENGTH : 60.0  
FEET ANALYZED IN ZONE : 57.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

| POROSITY | PERMEABILITY AVERAGES |                    |
|----------|-----------------------|--------------------|
| AVERAGE  | ARITHMETIC            | HARMONIC GEOMETRIC |
| 4.9      | 108.                  | 0.15               |
|          |                       | 1.3                |