

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

June 11, 1954

REPLY TO
1020 PATTERSON BLDG.
DENVER, COLORADO

Johnston Oil & Gas Company
Box 813
Farmington, New Mexico

Attention: Mr. Jim Copeland

Subject: Core Analysis
Rincon Unit No. 31 Well
Wildcat
Rio Arriba County, New Mexico
Location: Sec. 36-T27N-R7W

Gentlemen:

Diamond conventional cores from the subject well in the Tocito formation have been sampled and quick-frozen by a representative of Core Laboratories, Inc. and analyzed in our Farmington, New Mexico laboratory. Results of analysis are presented in tabular and graphical form on the attached Coregraph. Oil emulsion mud was used as the drilling fluid.

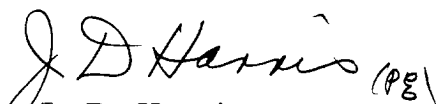
Tocito formation analyzed from 6720.5 to 6724.5 feet is interpreted as being essentially low capacity, oil productive. The effective permeability of this zone possibly could be increased by "Sandfrac". Average data for this zone are presented on page one of this report.

Tocito formation analyzed from 6725 to 6733 feet is interpreted as being nonproductive due to low permeability.

We hope these data prove beneficial in the evaluation of the well.

Very truly yours,

Core Laboratories, Inc.


J. D. Harris, (pg)
District Engineer

JDH:ma

6cc. - Addressee