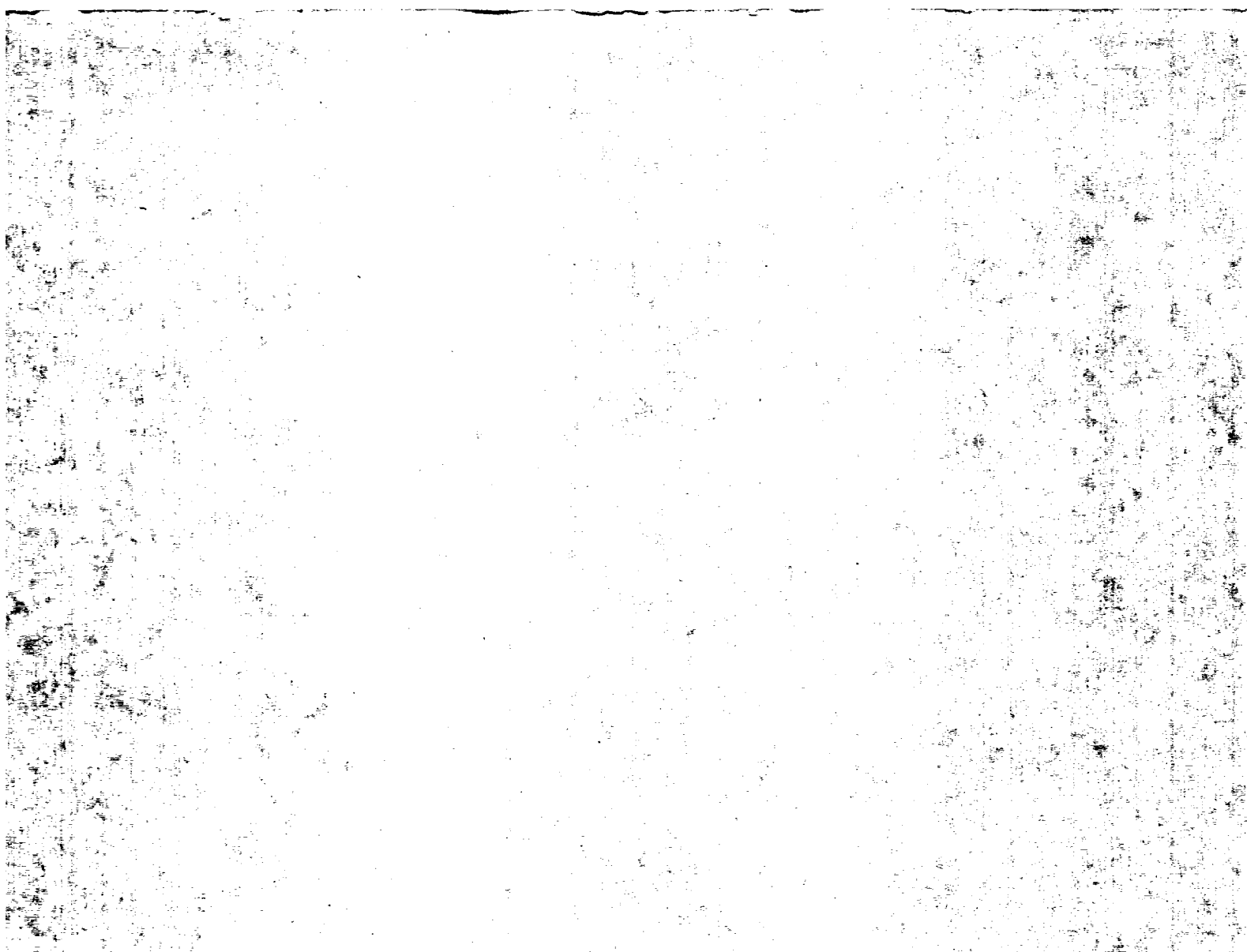
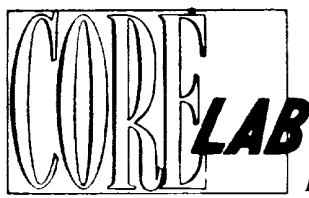


CORE ANALYSIS REPORT
FOR
JOHNSTON OIL & GAS COMPANY

RINCON UNIT NO. 11 WELL
RINCON UNIT
RIO ARriba COUNTY, NEW MEXICO
LOCATION: SEC. 6-T26N-R6W

MMB





CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY JOHNSTON OIL & GAS COMPANY DATE ON OCTOBER 2, 1953 FILE NO. FNML-108 (FC)
WELL RINCON UNIT NO. 11 DATE OFF OCTOBER 3, 1953 ENGRS. WER:HWS
FIELD RINCON UNIT FORMATION TOCITO ELEV. 6558' DF
COUNTY RIO ARriba STATE NEW MEXICO DRLG. FLD. OIL EMULSION MUD CORES DIAMOND
LOCATION N₁ SE SW SEC. 6 T26N R6W REMARKS SERVICE NO. 4



These analyses, opinions or interpretations are based on observations and material 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 representation as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

COMPLETION COREGRAPH

TABULAR DATA and INTERPRETATION

PERMEABILITY $\circ-\circ$
MILLIDARCY

TOTAL WATER $\circ-\circ$
PER CENT PORE SPACE

125 100 75 50 25 0

80 60 40 20 0

POROSITY X---X
PERCENT

OIL SATURATION X---X
PER CENT PORE SPACE

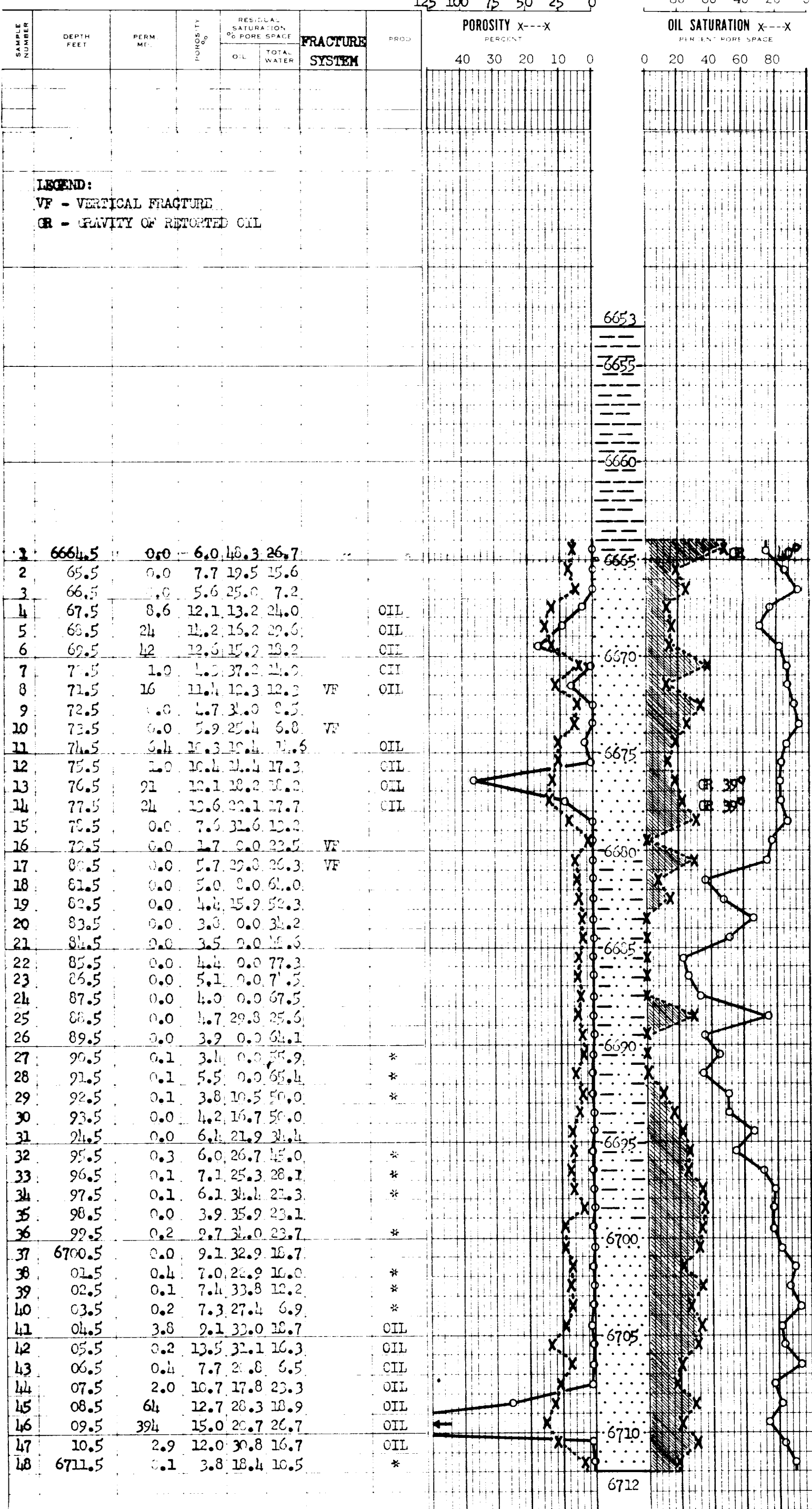
40 30 20 10 0

0 20 40 60 80

LEGEND:

VF - VERTICAL FRACTURE

GR - GRAVITY OF REFORMED OIL



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

October 8, 1953

REPLY TO
1020 PATTERSON BLDG.
DENVER, COLORADO

Johnston Oil & Gas Company
Box 813
Farmington, New Mexico

Attention: Mr. D. W. Johnston

Subject: Core Analysis
Rincon Unit No. 11 Well
Rincon Unit
Rio Arriba County, New Mexico
Location: Sec. 6-T26N-R6W

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 later 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 6664 to 6667 feet is interpreted to be essentially nonproductive due to low permeability.

Sand analyzed from 6667 to 6678 feet is interpreted to be essentially oil productive where permeable. Visual inspection of these cores indicates a vertical fracture system which should add to the effective permeability.

Shaly sand analyzed from 6678 to 6704 feet is interpreted to be essentially nonproductive due to low permeability. Asterisks indicate points of low permeability which might possibly show small cuts of oil on production.

Sand analyzed from 6704 to 6712 feet is interpreted to be essentially oil productive. The asterisk indicates a point of very low permeability.

Johnston Oil & Gas Company
Rincon Unit No. 11 Well

Page Two

Recovery estimates for the zones, 6667 to 6678 and 6704 to 6711 feet, are presented on page one of the report. Average data for the zone, 6692 to 6704 feet, are presented on page one of the report.

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

Very truly yours,

Core Laboratories, Inc.

 (pg)
J. D. Harris,
District Engineer

JDH:ln

10cc. - Addressee