

AVERAGE RESERVOIR AND FLUID PROPERTIES
LOVINGTON EAST PENN FIELD
LEA COUNTY, NEW MEXICO

Depth	11,300 feet
Net Pay	36 feet
Porosity	8.5 %
Permeability	1 - 100 md.
Connate Water	30 %
Bottom Hole Pressure, Original	4000 psig
Bubble Point Pressure	3000 psig
Bottom Hole Temperature	155 °F
Oil Gravity	44 °API
Formation Volume Factor	1.45 RB/STB
Reservoir Energy	Solution-gas Drive

*80 vol calc 35' 8.1 por 30% wt 1.50 B
148,000 18% recovery factor.*

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
8/6/69	EXHIBIT NO. 5
CASE NO.	4172

By: B. C. Sinclair
Date: 7-31-69
EX. 5
CASE 4172