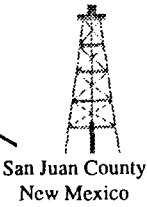
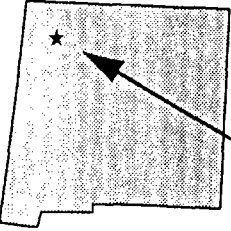


ROPCO Federal #12-3

SE SW Sec 12, T29N, R13W
San Juan County, New Mexico



San Juan County
New Mexico

Wellbore Diagram
Proposed Completion
April 05, 1995

Compiled by: KNP, April 5, 1995

Formation Tops

Fruitland Fm 1420'
Picture Cliffs 1465'

Depth
ft

Depth
ft

200' Csg 7", 20#, J-55

Tbg 2 3/8" J-55.

1400' EOT

1420-40' Perforations

1465-85' Perforations

TD: 1630'

1630' 4 1/2" csg 10.5# J-55

**BEFORE THE
OIL CONSERVATION DIVISION**

Case No. 11247 Exhibit No. 20

Submitted By:

Richardson Operating Company

Hearing Date: April 20, 1995

**ESTIMATED
BOTTOMHOLE PRESSURE**

(adjusted to 1465')

Fruitland Coal:

**ROPCO Fee FC 7 No. 1
7L-29N-12W San Juan Co., NM**

BHP=210 psig

Pictured Cliffs:

**ROPCO Federal PC 12 No. 1
12J-29N-13W San Juan Co., NM**

BHP=241 psig