BHP Calculations

State FU #2

BHP (Upper Bone Spring) @ 9400' (6/14/80) = 990 psi
Mid-point of perfs: 9331'

BHP (Lower Bone Spring) @ 10,400' (11/14/79) = 1721 psi
Mid-point of perfs: 10,267'

BHP gradient = 0.32 psi/ft

BHP of Lower at Common datum (Mid-point of Upper perfs):

1721 psi - (10,267' - 9331')(.32 psi/ft) = 1422 psi

Therefore:

Pressure differential = 1422 - 990

= 432 psi

LWS/cma

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
Amoco EXHIBIT NO. 6
CASE NO. 7897
6-8-83