Applied

PETROLEUM RESERVOIR ENGINEERING

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and

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PRENTICE-HALL, INC.

Englewood Cliffs, N. J.

New Mexico OCD Consolidated Hearing Cases: 14613 & 14647 Burnett Oil Co., Inc./ Hudson Oil Company of Texas Exhibit # 56

cre-foot per ese recovery low that reige of values erm and the lension, two expand and cing horizon. internal gas $(p) - m \frac{S_{ol}}{m} \times \frac{dB_o}{m}$ B_{01} dp (7.48) ion, m is the n of the prolucing gas-oil e gas cap. If cap, m = 0. duces to Eq. of gas return ssure decline, ock and fluid the presence a of reservoir of course, 8, ne equations. ibute itself in ecoveries will

> where some eries will be

Снар. 7

vities of 15,

erformed by

Eq. (7.37).

re based on alculated for variations in

SEC. 4

Recoveries are at abandonment pressures equal to ten per cent of the bubble-point pressures. ^{bFi}gures in parentheses extrapolated from incomplete calculations.

4.26)'

9.64

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13.26 12.79

•••• 4.52 4.10

... 12.34 11.96

1,000

2,000

389