

CONOCO - SEE INPUT DEFAULTS

Well PERFORMANCE Analysis

System Graph

(c) 2000

Well: D. M. Warren No. 137
 Loc: Wellflow Analysis Using Step Rate Data
 Desc: WAREN137.PF2
 File: Date: 10-24-2000

Type: Oil Well
 Analysis: System Analysis
 Node: Bottom hole

Case 1 Input Data:

Fluid
 Water Cut 0.000 %
 Oil Grav 41.0 °API
 SG Gas 0.862
 GOR/Yield 900.0 scf/bbl
 SG Water 1.070

Resv - Darcy

Resv BHP 2557.0 psia
 Resv Temp 110 °F
 Vogel Corrected

Resv Perm 12.5000 md
 Resv Thick 40 ft
 Resv Skin -4.000
 Turbulence 0.000000 l/ppd
 Wellbore Rad 4.000 in
 Resv Rad 1053 ft

Compl - Open Perf

Perf Intvl 52 ft
 Perf Density 2.0 SPF
 Perf Dia 0.450 in
 Perf Len 24.000 in
 Horz Perm 12.5000 md
 KcKf 1.000

Tbq - Duns & Ros (1963) oil
 WH Press 200.0 psig
 Perf Top 7628 ft
 Csg ID 6.366 in
 Tbg ID 2.441 in

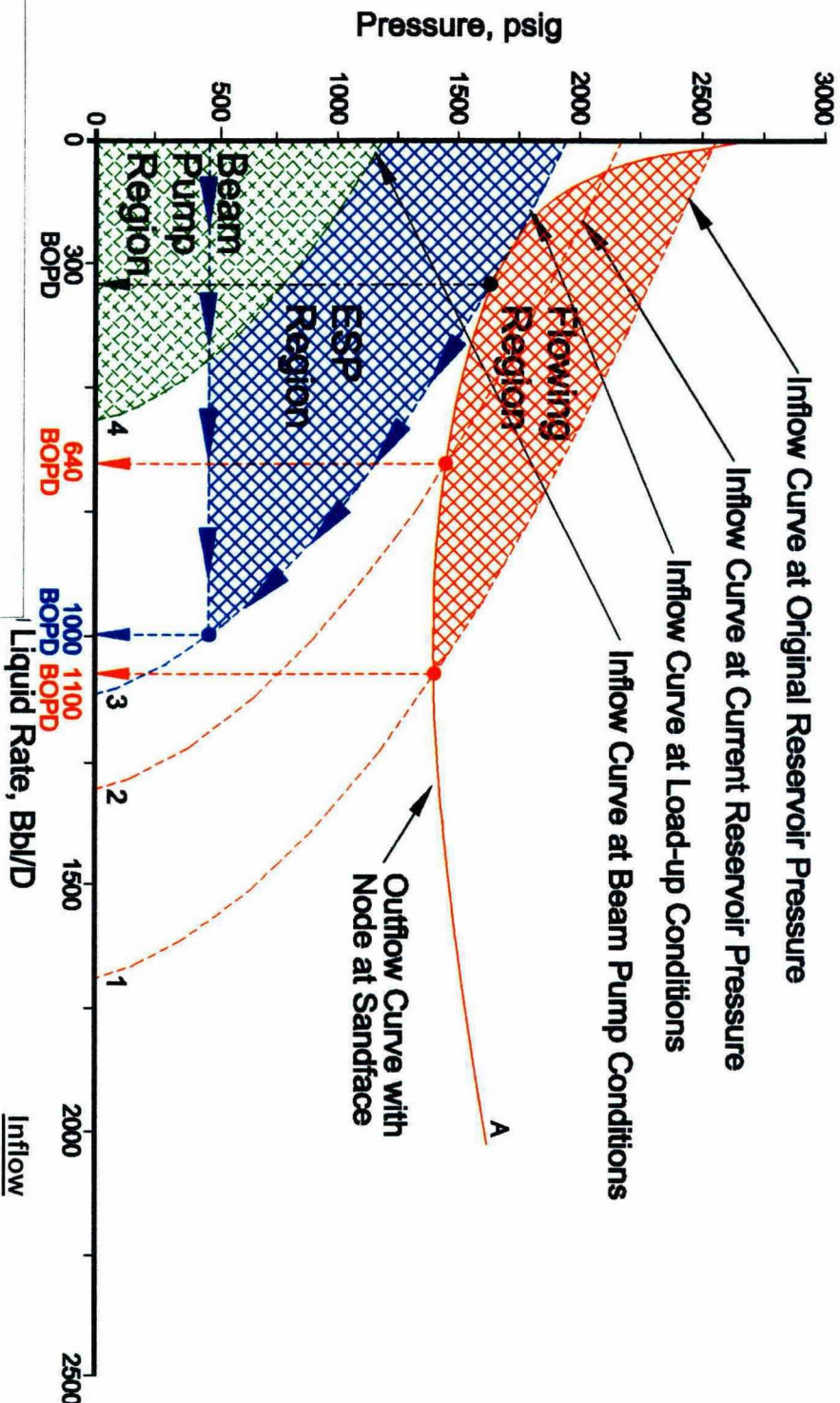
Flowin - None Calculated

WB Heat - Linear Gradient
 WH Temp 100 °F

BEFORE THE

OIL CONSERVATION DIVISION

Case #12532⾖ Exhibit No. 10
 Submitted By:
 Conoco, Inc.
 Hearing Date: November 16, 2000



Inflow (1)
 Outflow (A)
 Case 2 (2)
 Case 3 (3)
 Case 4 (4)

Inflow

Declining reservoir press, psia

Inflow
 (1) 2557.0
 (2) 2175.0
 (3) 1950.0
 (4) 1200.0

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