WP036320

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From: Palmer Vaughn
To: melord, damcart, rjmacki, jebean, jdschre, pvaughn
Date: 1/30/96 3:48pm
Subject: NORTHEND REGIONS ('BACKFILL' AND EXPERIMENTAL) POROSITY

IT IS MY BELIEF THAT WE SHOULD USE THE CONSOLIDATED VALUE FOR POROSITY FROM BARRY'S CLOSURE SURFACE (EMPTY EXCAVATION SURFACE) ALONG WITH A FAIRLY HIGH PERMEABILITY (SAY 1.0E-11M^2). ANY OTHER THOUGHTS. ALSO ANY IDEAS ON INITIAL BRINE SATURATION AND PRESSURE OR CHACTERISTIC CURVE PARAMETERS. NOTE THAT THE NMVP USED A VALUE OF 1.0 FOR POROSITY; A VALUE OF 0.0 FOR INITIAL BRINE SATURATION; 0.0 FOR RESIDUAL GAS AND BRINE SATURATION ; LAMDA OF 0.7 ; NO CAPILLARY PRESSURE ; INITIAL PRESSURE OF 1.0 ATM. ; AND USED THE BROOKS/COREY MODIFIED (4) FUNCTION.

(formerly 'Back Fill')

Experimental & OP_Area

Fog Perm x		-11
Fog Perm y		-11
Fog Perm z		-11
Porosity		.18 min from Porosity Surface
Comproch		0
S_{BI}		0
S_{Br}		0
S_{gr}		0
Relpmod	KRP	4
Cap Mod	KPC	1
Poredis		0.7 ✓
Pct_A		0
Pct_Exp		0
Pressure		1.01325E+05
S_{Bmin}		0
Pcmin		1.01325E+05
Pcmax		1.0 E+8
KTP	KPT	0

"Northend Regions"
= Materials Nos. 20 (Operations Region) and 21 (Experimental Region)

WST
2/14/96

Information Only