

OPTIMIZATION BY LEVENBERG-MARQUARDT MINIMIZATION ALGORITHM

ITER	FUNCTION	TRANSMISS	STORTIVITY	SPEC_LEAK
1	22.5	6651.	.1827E-04	.4772E-05
2	15.4	6189.	.1810E-04	.4098E-06
3	12.6	5958.	.1801E-04	.5889E-07
4	10.6	5775.	.1795E-04	.1458E-07
5	9.17	5622.	.1789E-04	.2005E-08

TERMINATION DUE TO STEP SIZE CONVERGENCE

FINAL RESULTS

ITER	FUNCTION	TRANSMISS	STORTIVITY	SPEC_LEAK
5	9.17	5493.	.1784E-04	.2005E-08

FRACTIONAL COMPONENTS OF FUNCTION VALUE

WELL #	1	2	3
	.6713	.2072	.1215

DO YOU WANT A SENSITIVITY ANALYSIS ? (Y/N)

Turner North all 3 wells

T = 41,088 gpd/ft

S = 1.784 x 10⁻⁵

K_{1/2} = ?

SENSITIVITY ANALYSIS

TWO STANDARD DEVIATION CONFIDENCE INTERVALS

PARAMETER	VALUE	LOWER LIMIT	UPPER LIMIT
TRANSMISS	5493.	5492.	5493.
STORTIVITY	.1784E-04	0.4466E-09	0.3568E-04
SPEC_LEAK	*****	0.0000	0.2022E-04

TO CONTINUE ENTER "RETURN"