

OPTIMIZATION BY LEVENBERG-MARQUARDT MINIMIZATION ALGORITHM

ITER	FUNCTION	TRANSMISS	STORTIVITY	SPEC_LEAK
1	5.99	.1203E+05	.4270E-03	.3107E-03
2	4.43	4462.	.1009E-02	.1350E-02
4	1.06	4754.	.1281E-02	.3065E-02
6	.784	3928.	.1417E-02	.7382E-02
7	.768	4158.	.1289E-02	.6967E-02

TERMINATION DUE TO PARAMETER CONVERGENCE

FINAL RESULTS

ITER	FUNCTION	TRANSMISS	STORTIVITY	SPEC_LEAK
10	.768	4157.	.1283E-02	.6967E-02

FRACTIONAL COMPONENTS OF FUNCTION VALUE

WELL #	1	2
	.7635	.2365

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

Turner South Both Wells

$$T = 31,094$$

$$S = 1.28 \times 10^{-3}$$

$$K/b = 6.967 \times 10^{-3} \text{ day}^{-1}$$

SENSITIVITY ANALYSIS

TWO STANDARD DEVIATION CONFIDENCE INTERVALS

PARAMETER	VALUE	LOWER LIMIT	UPPER LIMIT
TRANSMISS	4157.	4100.	4215.
STORTIVITY	.1283E-02	0.0000	0.3126E-02
SPEC_LEAK	.6963E-02	0.4885E-03	0.1344E-01

TO CONTINUE ENTER "RETURN"