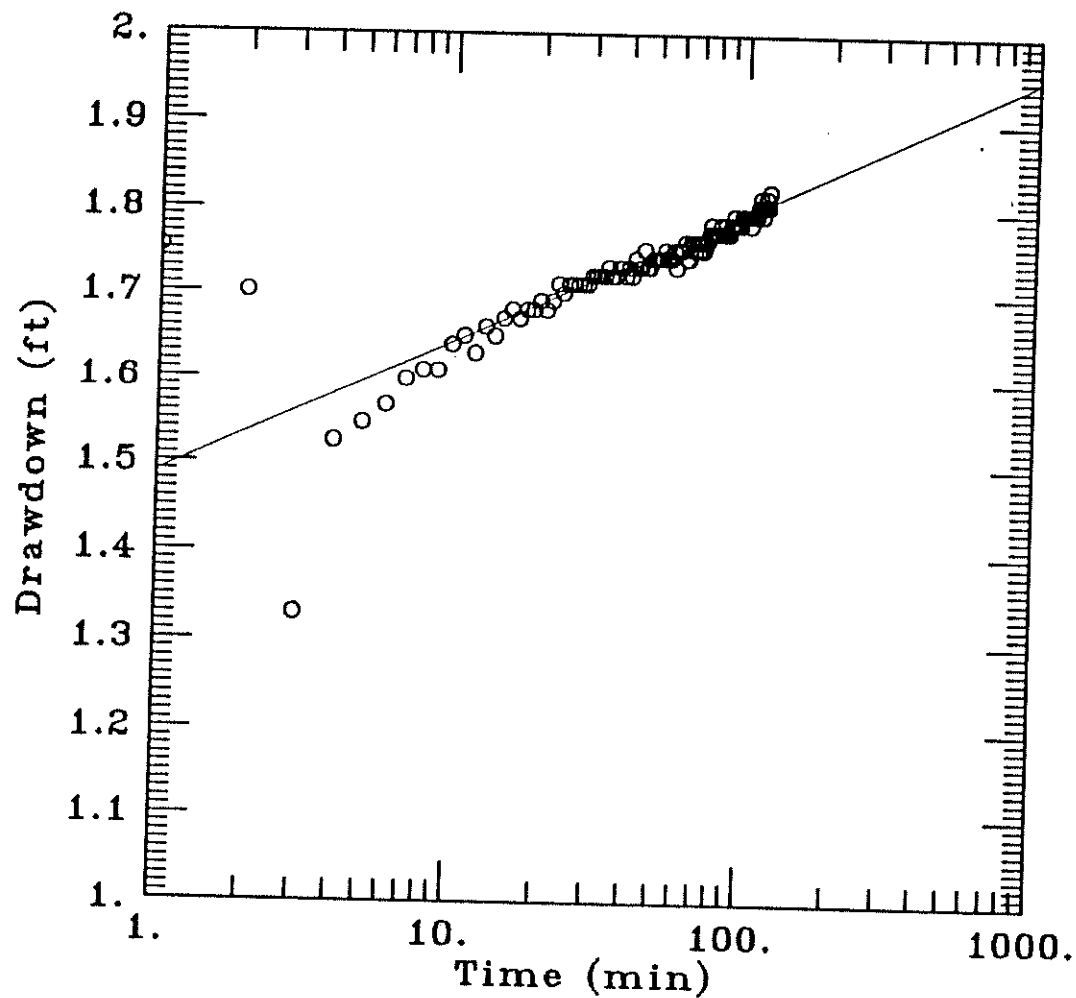


APPENDIX D

Aquifer Test Results: MW-6S, -6M, -6L, -7S, -7M, and -7L

MW6S Drawdown-MW6S Constant Rate Test



DATA SET:

6smw6sdd.dat

11/15/96

AQUIFER TYPE:

Unconfined

SOLUTION METHOD:

Cooper-Jacob

ESTIMATED PARAMETERS:

$T = 4.765 \text{ ft}^2/\text{min}$

$S = 8.4096\text{E-}08$

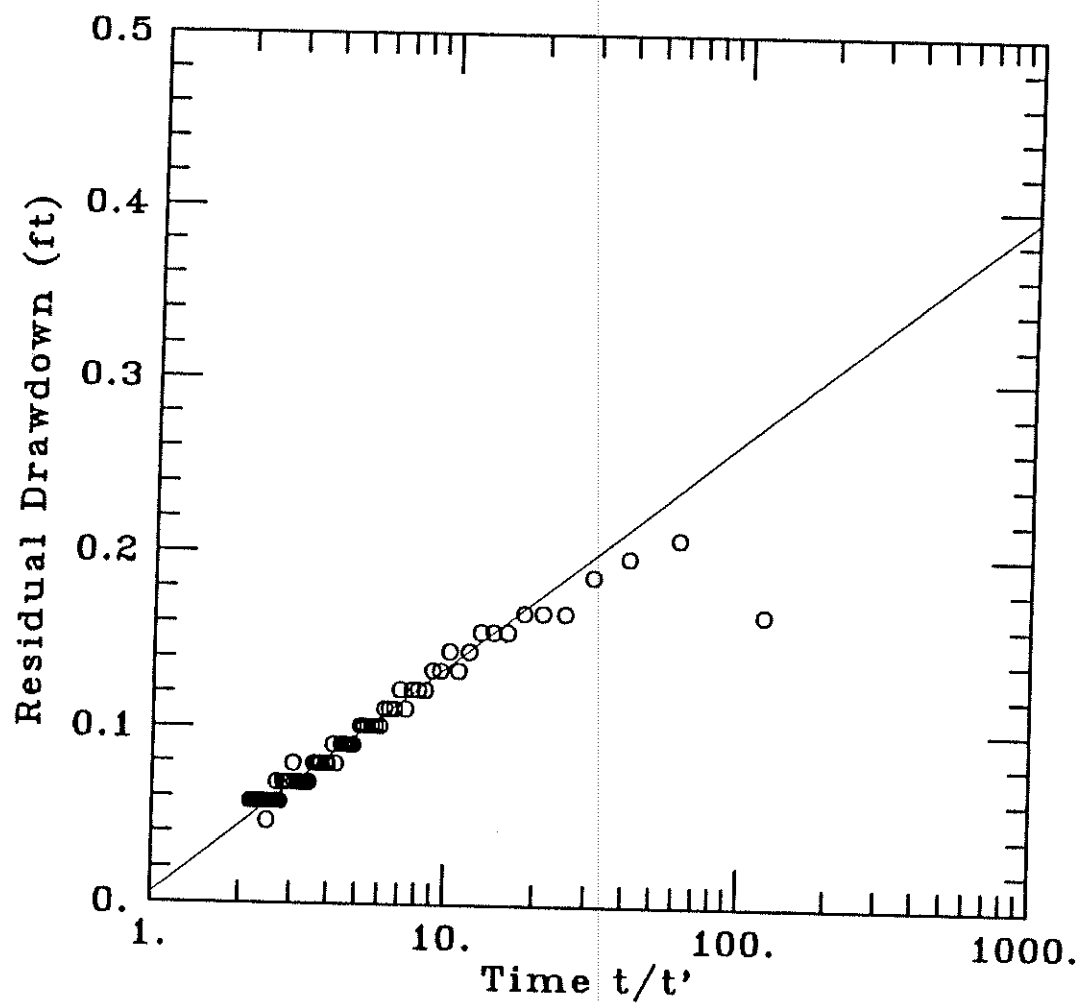
TEST DATA:

$Q = 4.01 \text{ ft}^3/\text{min}$

$r = 0.17 \text{ ft}$

$b = 34. \text{ ft}$

MW6S Recovery-MW6S Constant Rate Test



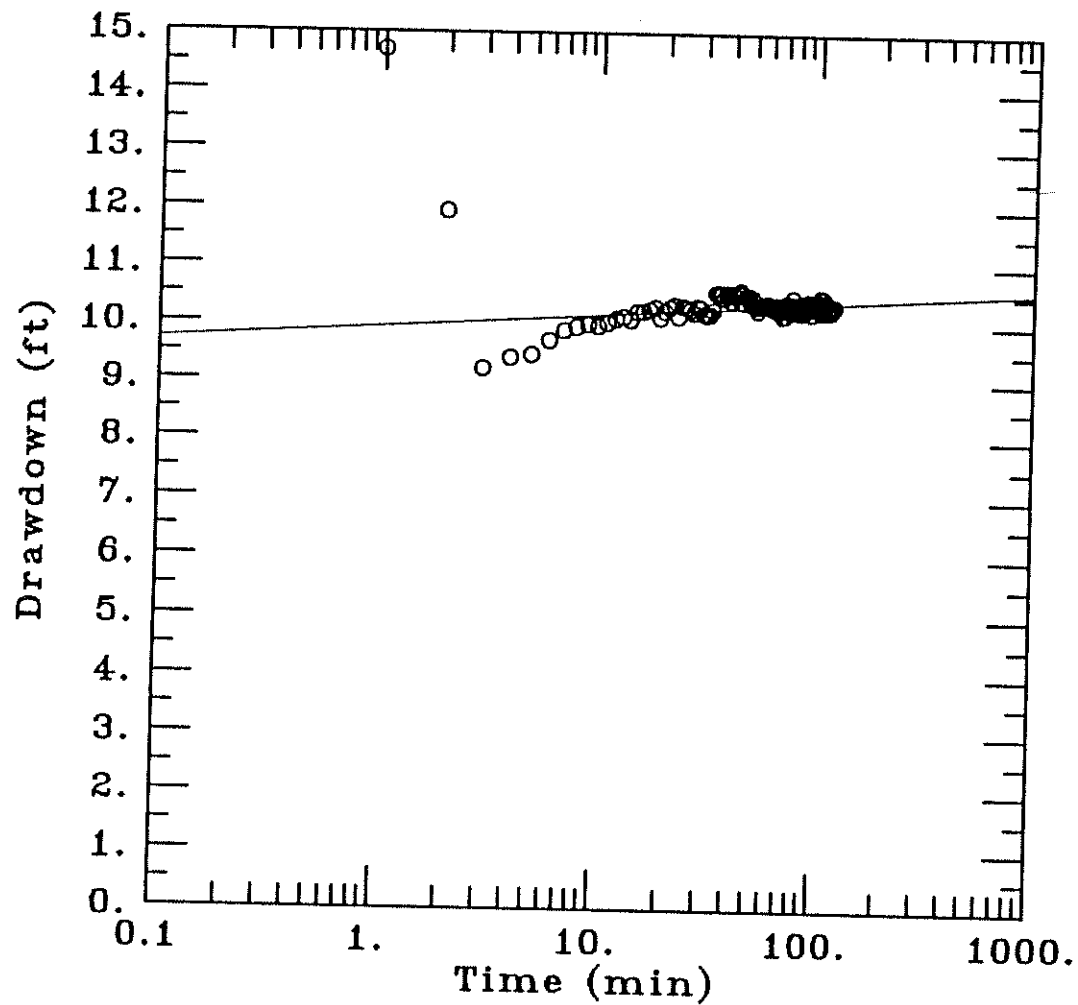
DATA SET:
6smw6sr.dat
11/14/96

AQUIFER TYPE:
Confined
SOLUTION METHOD:
Theis Recovery

ESTIMATED PARAMETERS:
 $T = 5.653 \text{ ft}^2/\text{min}$
 $S' = 0.9265$

TEST DATA:
 $Q = 4.01 \text{ ft}^3/\text{min}$
 $t \text{ pumping} = 120. \text{ min}$

MW6M Drawdown-MW6M Constant Rate Test



DATA SET:

6mmw6mdd.dat

11/14/96

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Cooper-Jacob

ESTIMATED PARAMETERS:

$T = 8.669 \text{ ft}^2/\text{min}$

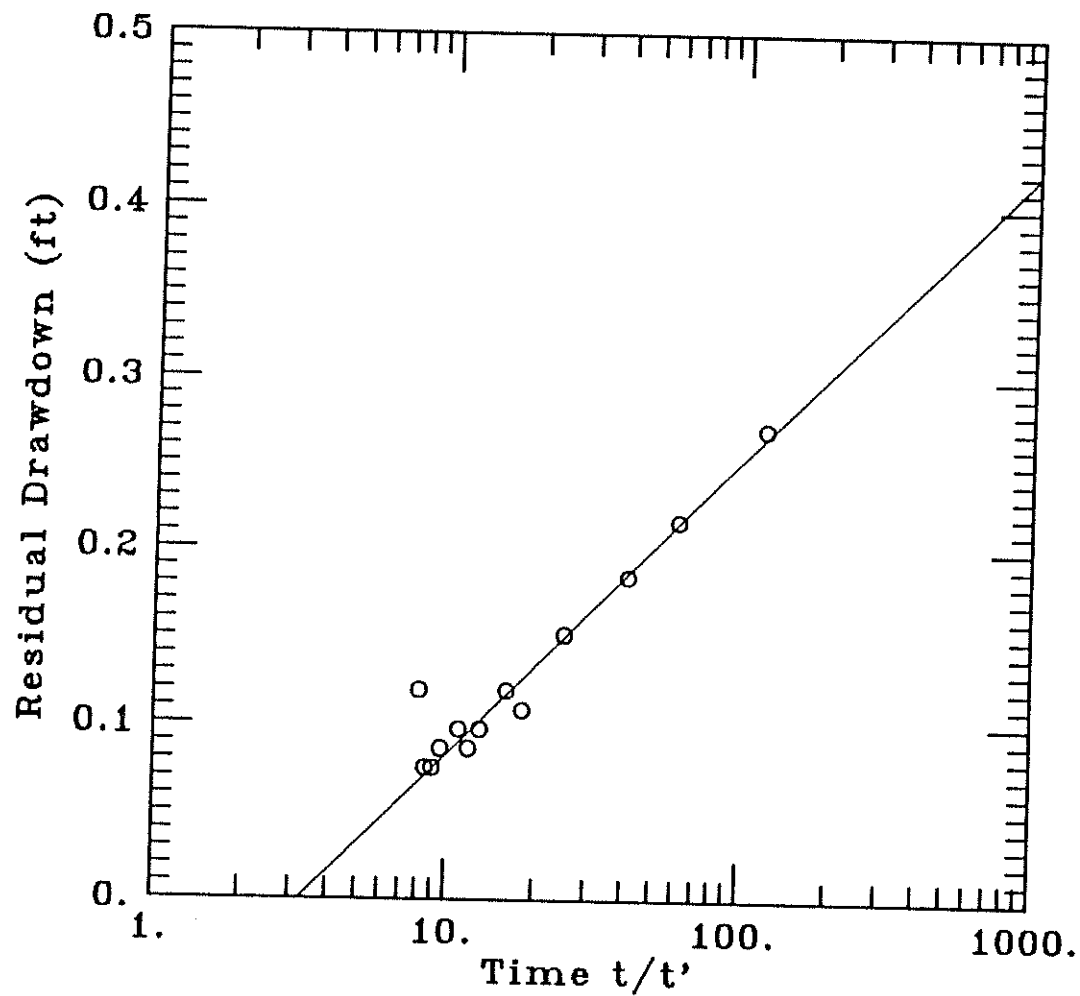
$S = 3.4766\text{E-}44$

TEST DATA:

$Q = 10.18 \text{ ft}^3/\text{min}$

$r = 0.21 \text{ ft}$

MW6M Recovery-MW6M Constant Rate Test



DATA SET:

6mmw6mr.dat

11/13/96

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Theis Recovery

ESTIMATED PARAMETERS:

$T = 11.04 \text{ ft}^2/\text{min}$

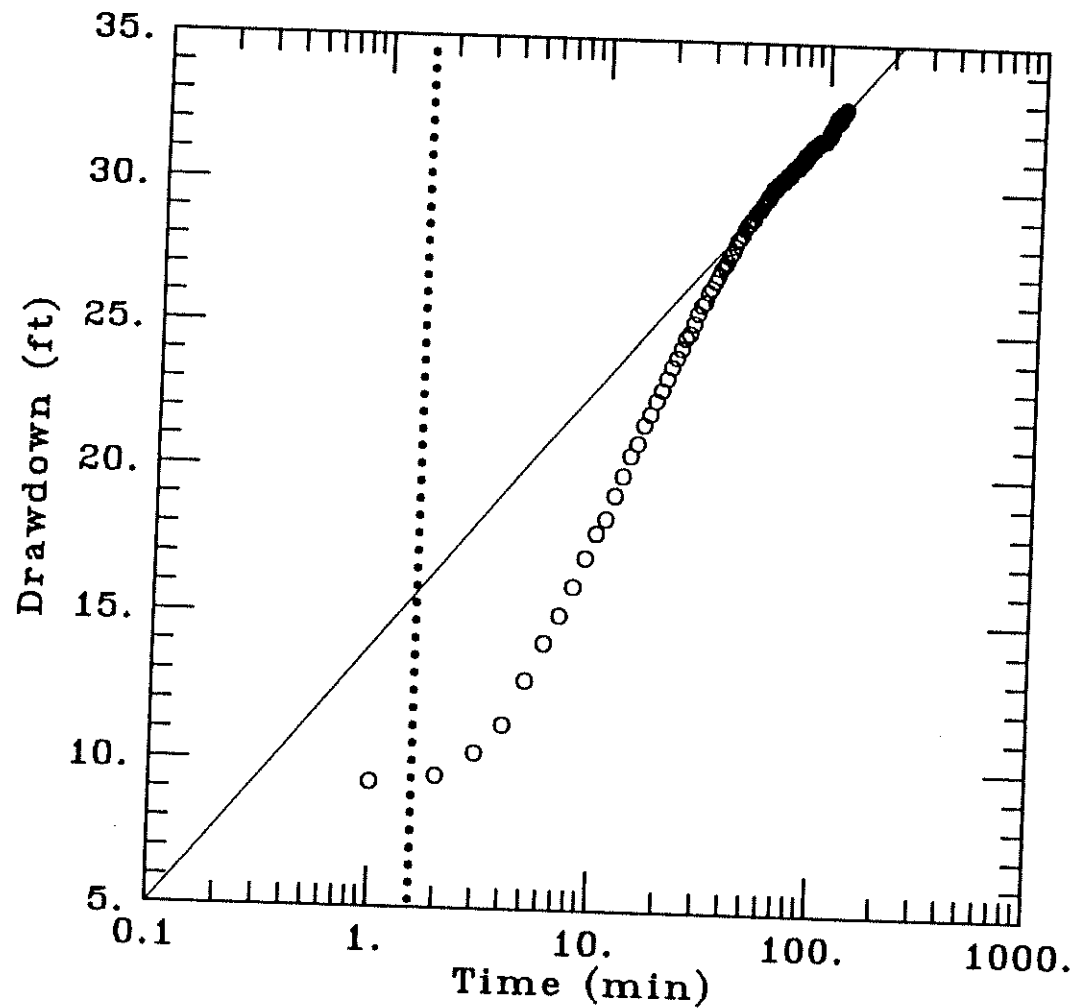
$S' = 3.245$

TEST DATA:

$Q = 10.18 \text{ ft}^3/\text{min}$

$t_{\text{pumping}} = 120. \text{ min}$

MW6L Drawdown-MW6L Constant Rate Test



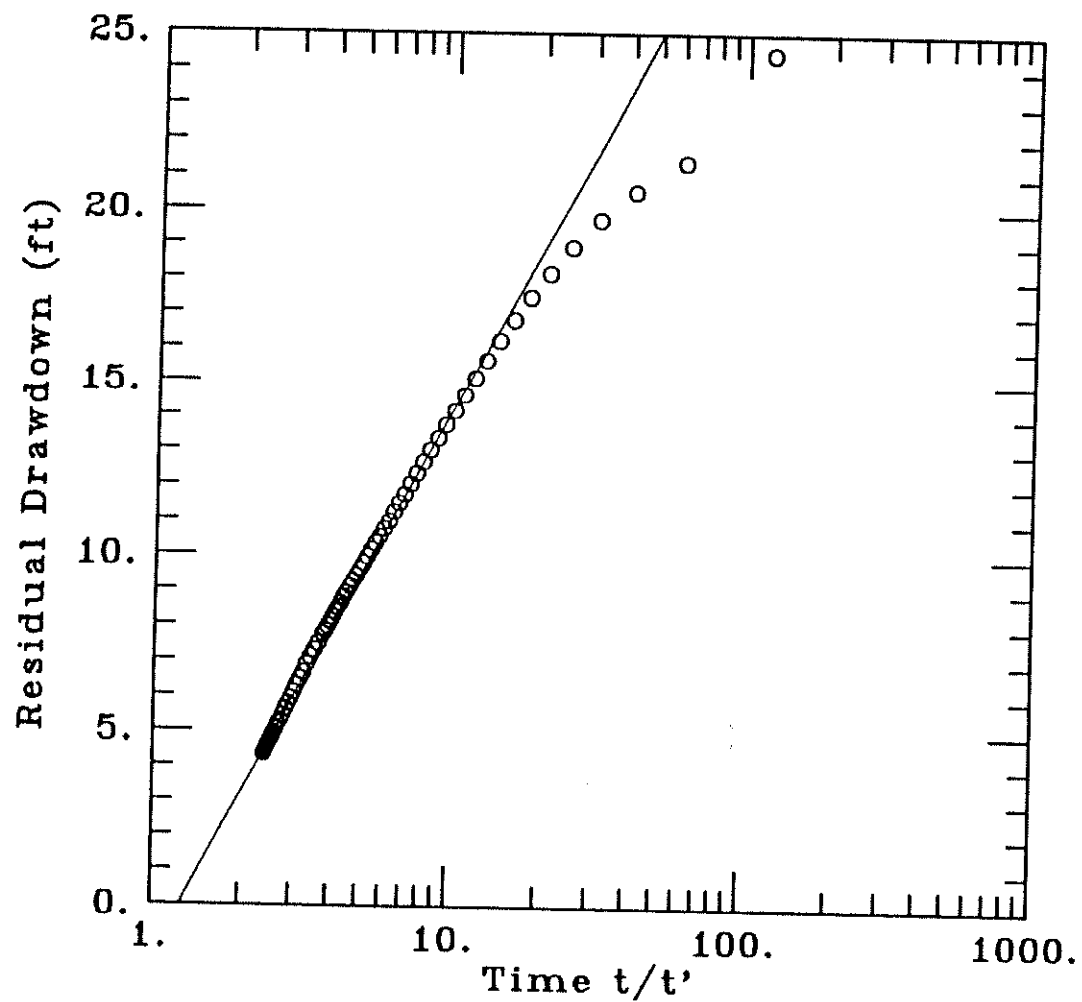
DATA SET:
61mw6ldd.dat
11/13/96

AQUIFER TYPE:
Confined
SOLUTION METHOD:
Cooper-Jacob

ESTIMATED PARAMETERS:
 $T = 0.004073 \text{ ft}^2/\text{min}$
 $S = 0.008823$

TEST DATA:
 $Q = 0.2 \text{ ft}^3/\text{min}$
 $r = 0.17 \text{ ft}$

MW6L Recovery-MW6L Constant Rate Test



DATA SET:

61mw6lr.dat

11/13/96

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Theis Recovery

ESTIMATED PARAMETERS:

$T = 0.002338 \text{ ft}^2/\text{min}$

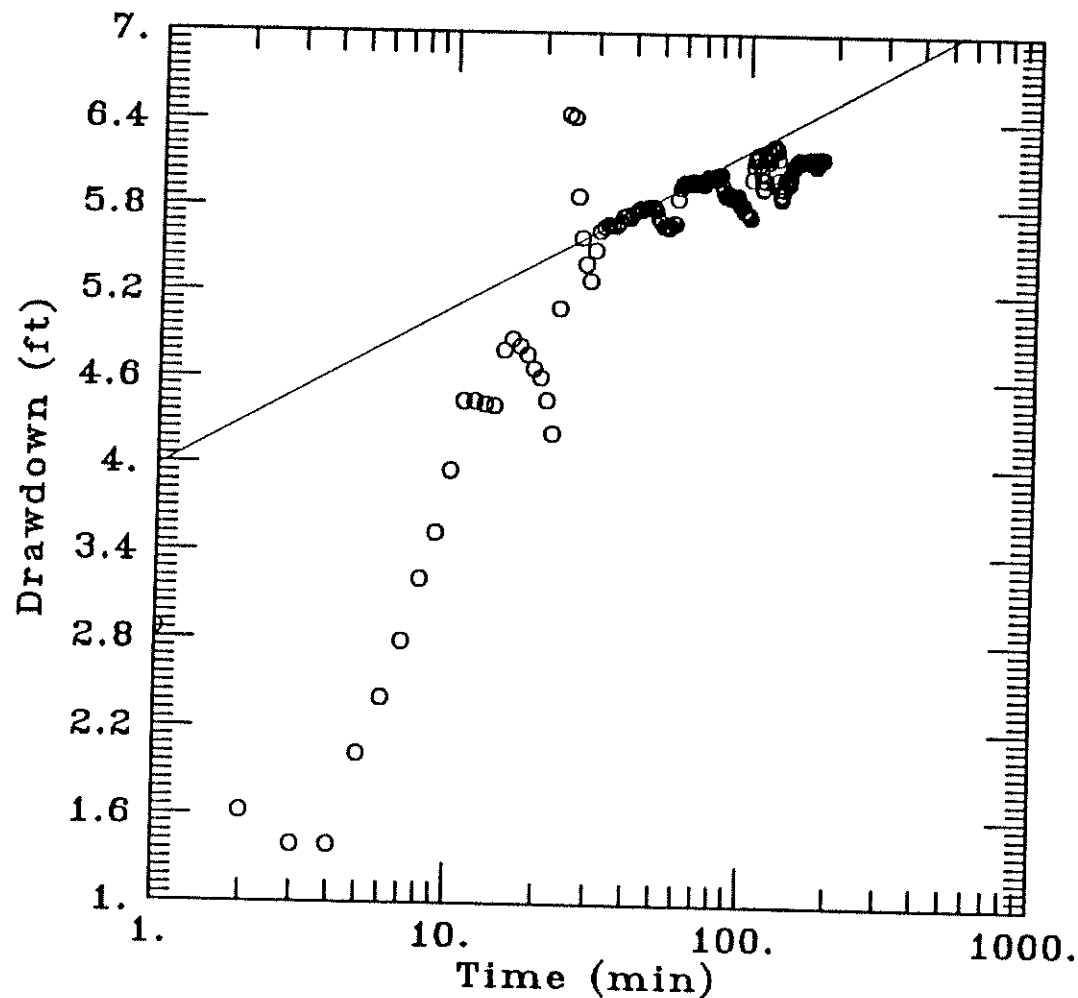
$S' = 1.261$

TEST DATA:

$Q = 0.2 \text{ ft}^3/\text{min}$

$t_{\text{pumping}} = 120. \text{ min}$

MW7S Drawdown-MW7S Constant Rate Test



DATA SET:

7smw7sdd.dat

11/15/96

AQUIFER TYPE:

Unconfined

SOLUTION METHOD:

Cooper-Jacob

ESTIMATED PARAMETERS:

$T = 0.1092 \text{ ft}^2/\text{min}$

$S = 0.002176$

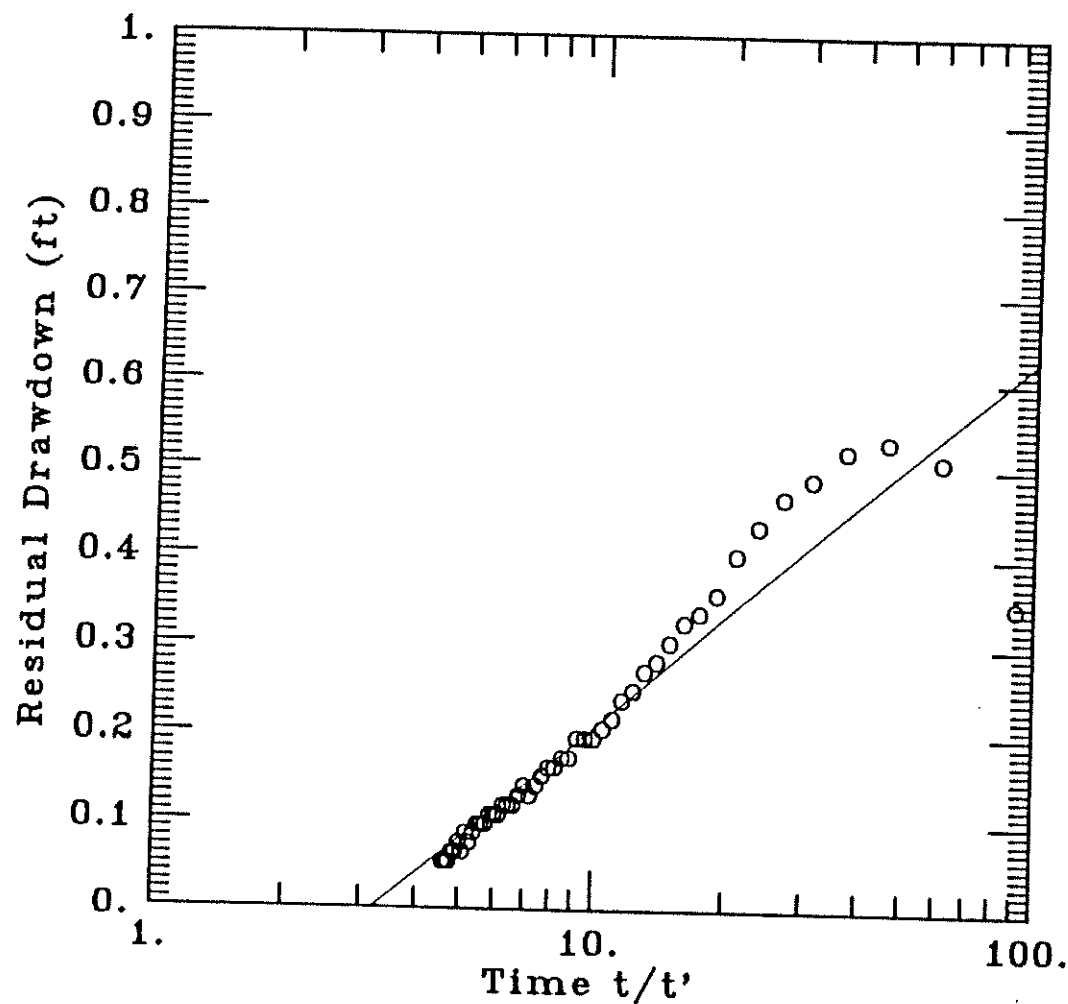
TEST DATA:

$Q = 0.66 \text{ ft}^3/\text{min}$

$r = 0.17 \text{ ft}$

$b = 53.98 \text{ ft}$

MW7S Recovery-MW7S Constant Rate Test



DATA SET:

7smw7sr.dat

11/15/95

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Theis Recovery

ESTIMATED PARAMETERS:

$T = 0.2879 \text{ ft}^2/\text{min}$

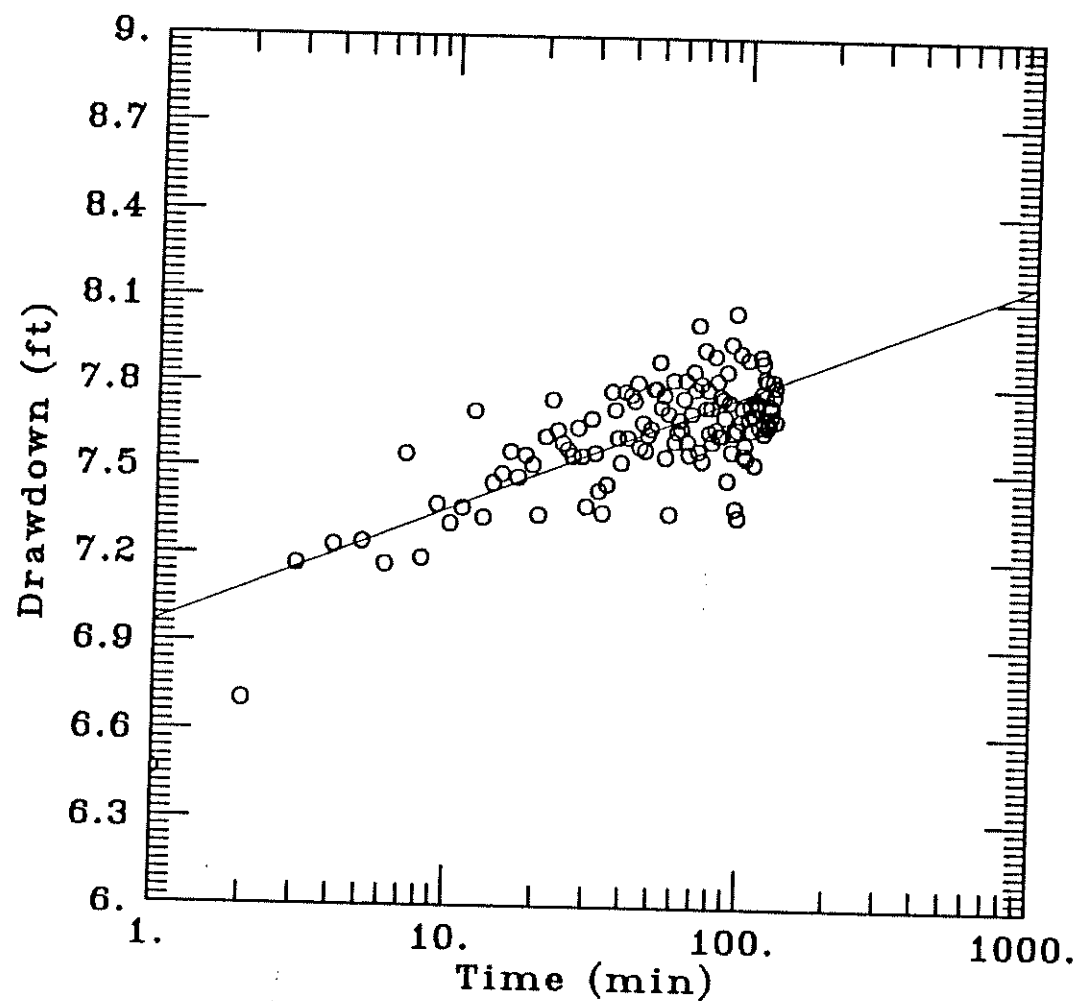
$S' = 3.21$

TEST DATA:

$Q = 0.66 \text{ ft}^3/\text{min}$

$t \text{ pumping} = 180. \text{ min}$

MW7M Drawdown-MW7M Constant Rate Test



DATA SET:

7mmw7mdd.dat

11/20/96

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Cooper-Jacob

ESTIMATED PARAMETERS:

$T = 3.284 \text{ ft}^2/\text{min}$

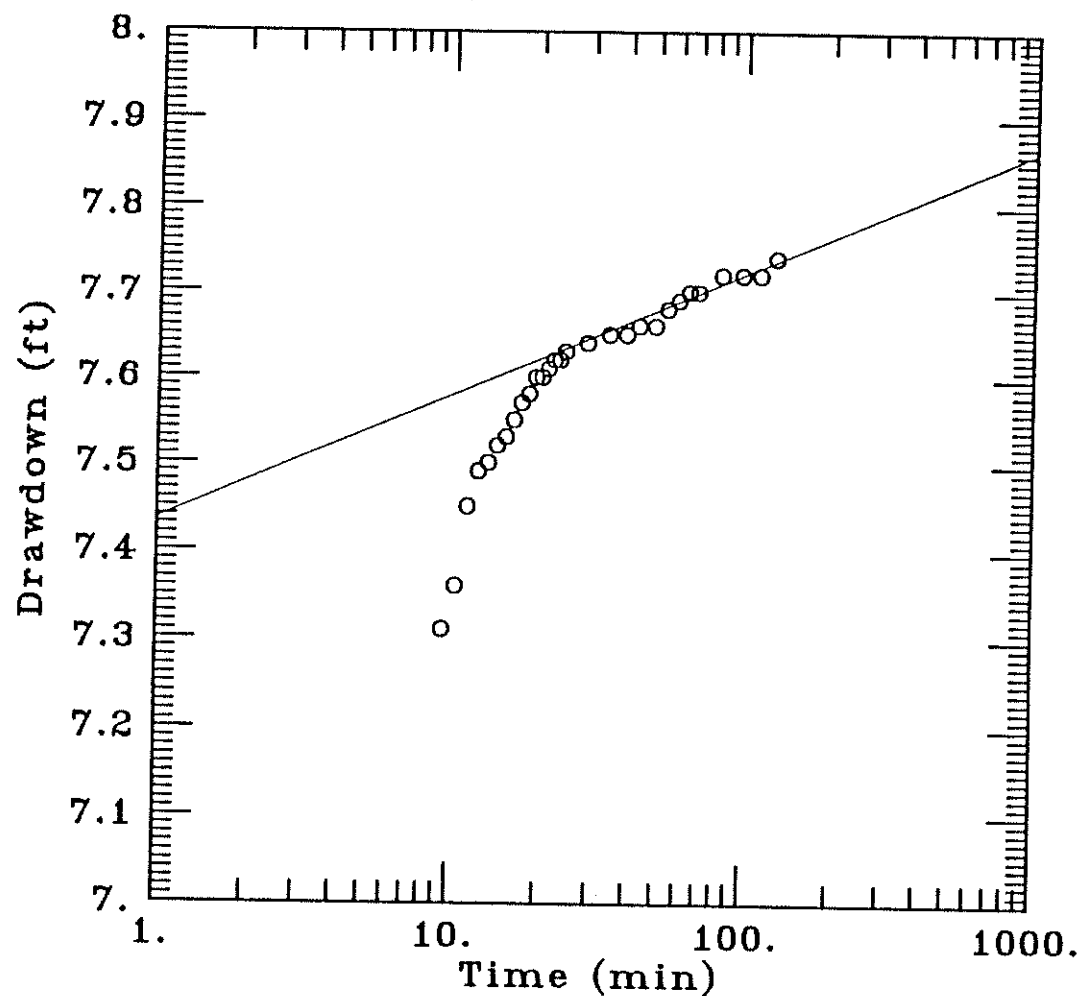
$S = 5.531\text{E-}16$

TEST DATA:

$Q = 7.14 \text{ ft}^3/\text{min}$

$r = 0.21 \text{ ft}$

MW7M Drawdown-MW7M Const. Test-Hand Meas



DATA SET:

7mmw7mhd.dat

11/20/96

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Cooper-Jacob

ESTIMATED PARAMETERS:

$T = 9.149 \text{ ft}^2/\text{min}$

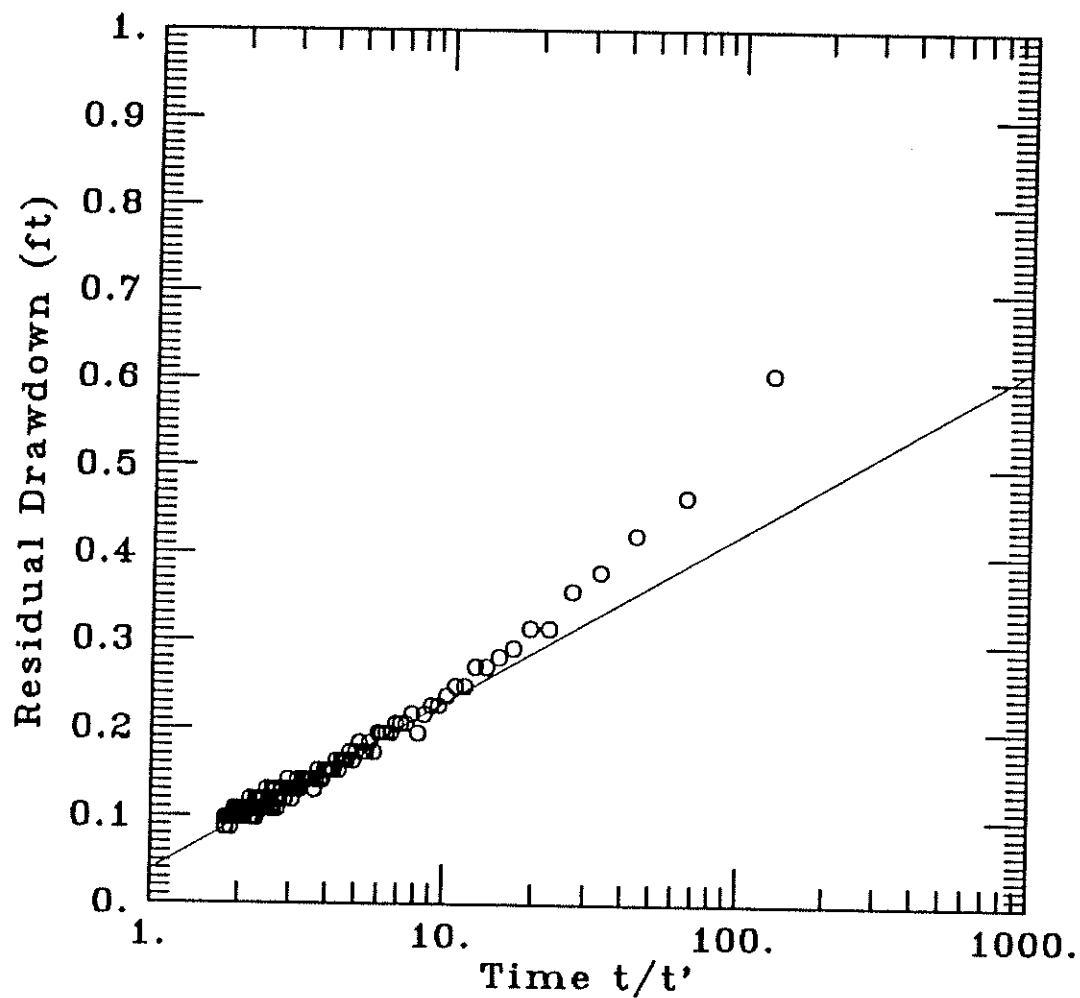
$S = 4.8849\text{E-}50$

TEST DATA:

$Q = 7.14 \text{ ft}^3/\text{min}$

$r = 0.21 \text{ ft}$

MW7M Recovery-MW7M Constant Rate Test



DATA SET:

7mmw7mr.dat

11/20/96

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Theis Recovery

ESTIMATED PARAMETERS:

$T = 6.821 \text{ ft}^2/\text{min}$

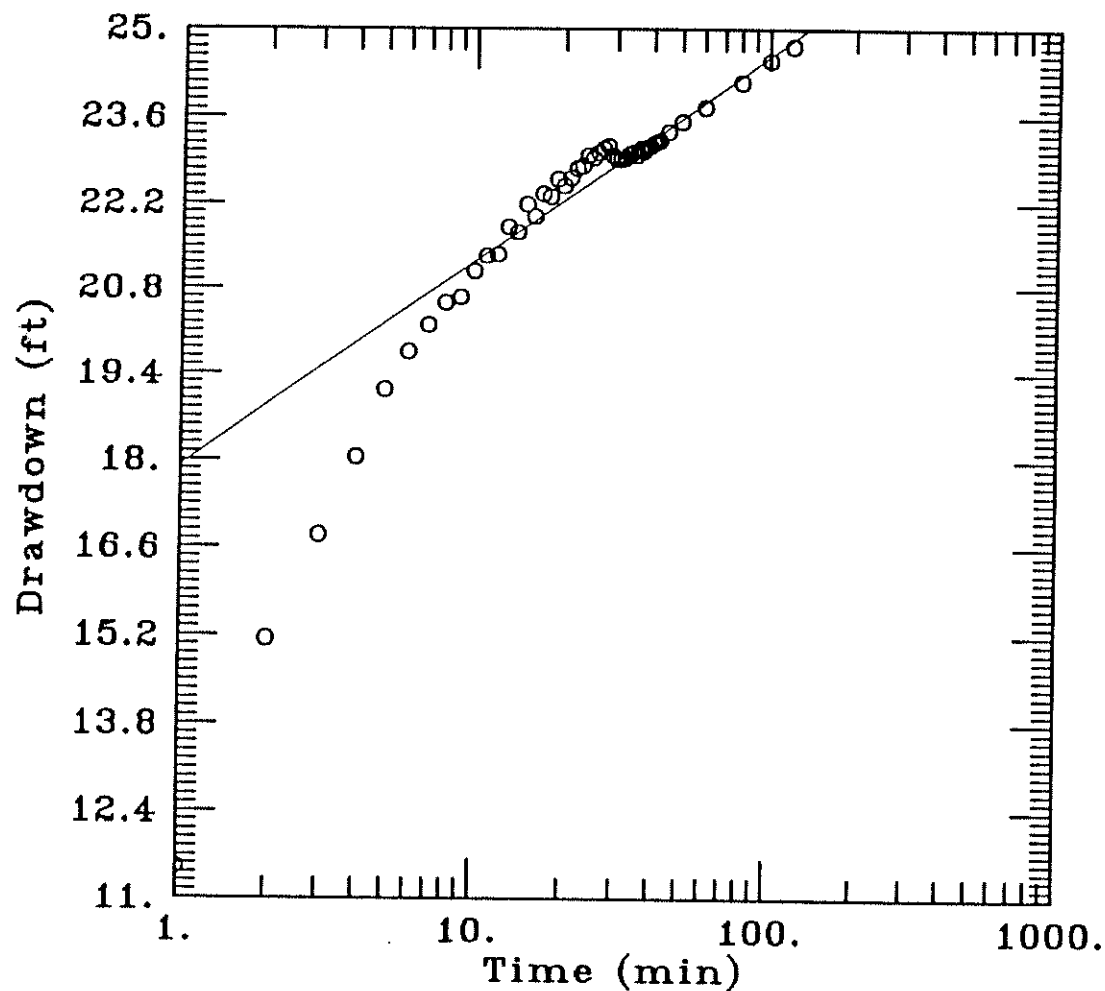
$S' = 0.6376$

TEST DATA:

$Q = 7.14 \text{ ft}^3/\text{min}$

$t_{\text{pumping}} = 129. \text{ min}$

MW7L Drawdown-MW7L Constant Rate Test



DATA SET:

71mw7ldd.dat

11/15/96

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Cooper-Jacob

ESTIMATED PARAMETERS:

$T = 0.05181 \text{ ft}^2/\text{min}$

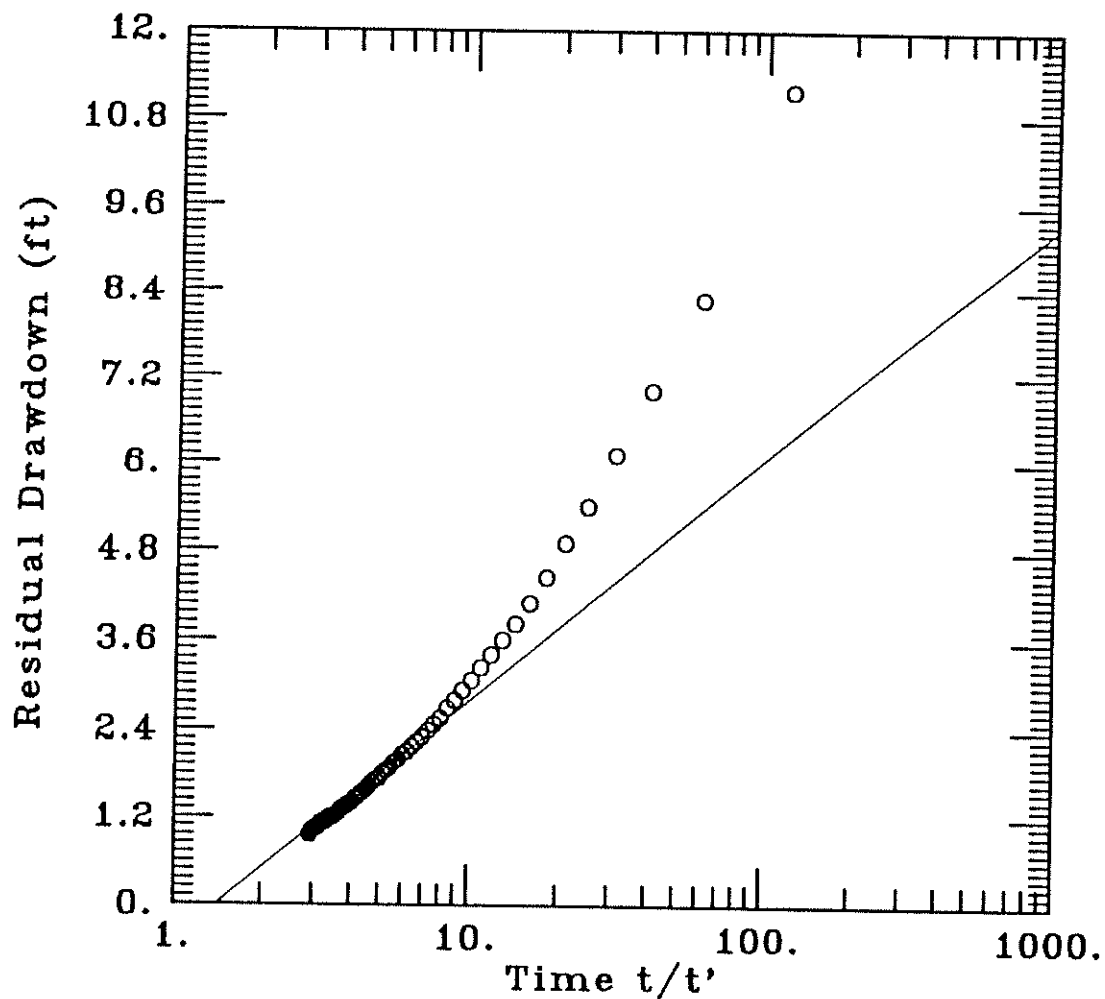
$S = 1.6563\text{E-}05$

TEST DATA:

$Q = 0.94 \text{ ft}^3/\text{min}$

$r = 0.17 \text{ ft}$

MW7L Recovery – MW7L Constant Rate Test



DATA SET:

71mw71r.dat

11/15/96

AQUIFER TYPE:

Confined

SOLUTION METHOD:

Theis Recovery

ESTIMATED PARAMETERS:

$T = 0.05278 \text{ ft}^2/\text{min}$

$S' = 1.416$

TEST DATA:

$Q = 0.94 \text{ ft}^3/\text{min}$

$t_{\text{pumping}} = 120. \text{ min}$

Date	Time	Analog#01 MW6L-15psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
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Terra8 Data Collection Report

Firmware Version 4.2/91
 Number of Bytes in Data Dump 1978
 User Supplied Comment MW6S-aqtest
 Time Header Block Loaded 1996/10/31 11:30:01.30
 Time Data File Dumped 1996/10/31 18:44:42.40
 Remaining Memory 63558
 Number of Logs 229
 Type of Data Memory Memory Board
 Logs/Timestamp 10
 Power was OK During Data Collection Period

Terra8 Channel Setup

Number of ANALOG Channels = 3

Ch#	Description	Units	Delay	M	B
1	MW6L-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	
2	MW6M-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	
3	MW6S-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	

Number of DIGITAL Channels = 0

Ch#	Description	Units	Delay	M	B
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Date Thursday October 31, 1996 8:33 PM

PlotFile C:\TERRA3\6SCONS01.PRN

DataFile C:\TERRA3\6SCONS.HEX

MW6S-aqtest

Time of First Log In Specified Window

4 -1

Date	Time	Analog#01 MW6L-15psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	Formulas MW6L Drawdown (s or s') (feet)	Formulas MW6M Drawdown (s or s') (feet)	Formulas MW6S Drawdown (s or s') (feet)
10/31/96	11:30:01	28.207	22.447	18.66	0			0	0	0
10/31/96	11:31:01	28.218	22.425	16.859	1.0008			-0.011	0.022	1.801

Date	Time	Analog#01 MW6L-15psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/31/96	11:32:01	28.207	22.447	16.914	2.00016			0	0	1.746
10/31/96	11:33:01	28.218	22.447	17.303	2.99952		-0.011	0		1.357
10/31/96	11:34:01	28.207	22.447	17.098	4.00032		0	0		1.562
10/31/96	11:35:01	28.207	22.447	17.076	4.99968		0	0		1.584
10/31/96	11:36:01	28.218	22.447	17.054	6.00048		-0.011	0		1.606
10/31/96	11:37:01	28.218	22.447	17.022	6.99984		-0.011	0		1.638
10/31/96	11:38:01	28.218	22.447	17.011	8.00064		-0.011	0		1.649
10/31/96	11:39:01	28.218	22.458	17.011	9		-0.011	0		1.649
10/31/96	11:40:01	28.218	22.458	16.979	10.00656		-0.011	-0.011		1.681
10/31/96	11:41:01	28.218	22.447	16.968	11.00736		-0.011	-0.011		1.692
10/31/96	11:42:01	28.218	22.447	16.989	12.00672		-0.011	0		1.671
10/31/96	11:43:01	28.218	22.447	16.989	13.00608		-0.011	0		1.703
10/31/96	11:44:01	28.218	22.447	16.957	14.00688		-0.011	0		1.692
10/31/96	11:45:01	28.218	22.458	16.946	15.00624		-0.011	0		1.714
10/31/96	11:46:01	28.218	22.447	16.935	16.00704		-0.011	-0.011		1.725
10/31/96	11:47:01	28.218	22.447	16.946	17.0064		-0.011	0		1.725
10/31/96	11:48:01	28.218	22.447	16.935	18.0072		-0.011	0		1.725
10/31/96	11:49:01	28.218	22.447	16.935	19.00656		-0.011	0		1.736
10/31/96	11:50:01	28.218	22.447	16.924	20.00736		-0.011	0		1.725
10/31/96	11:51:01	28.218	22.447	16.935	21.00672		-0.011	0		1.736
10/31/96	11:52:01	28.218	22.447	16.924	22.00608		-0.011	0		1.757
10/31/96	11:53:01	28.218	22.447	16.903	23.00688		-0.011	0		1.746
10/31/96	11:54:01	28.229	22.436	16.914	24.00624		-0.011	0.011		1.757
10/31/96	11:55:01	28.229	22.458	16.903	25.00704		-0.022	-0.011		1.757
10/31/96	11:56:01	28.218	22.447	16.903	26.0064		-0.011	0		1.757
10/31/96	11:57:01	28.218	22.458	16.903	27.0072		-0.011	0		1.757
10/31/96	11:58:01	28.218	22.447	16.903	28.00656		-0.011	-0.011		1.757
10/31/96	11:59:01	28.218	22.447	16.903	29.00736		-0.011	0		1.757
10/31/96	12:00:01	28.218	22.447	16.892	30.00672		-0.011	0		1.768
10/31/96	12:01:01	28.218	22.447	16.892	31.00608		-0.011	0		1.768
10/31/96	12:02:01	28.229	22.447	16.892	32.00688		-0.011	0		1.768
10/31/96	12:03:01	28.229	22.447	16.892	33.00624		-0.022	0		1.768
10/31/96	12:04:01	28.229	22.447	16.881	34.00704		-0.022	0		1.779
10/31/96	12:05:01	28.229	22.447	16.892	35.0064		-0.022	0		1.768
10/31/96	12:06:01	28.218	22.447	16.892	36.0072		-0.011	0		1.768
10/31/96	12:07:01	28.229	22.436	16.881	37.00656		-0.011	0		1.779
10/31/96	12:08:01	28.218	22.447	16.881	38.00736		-0.022	0.011		1.779
10/31/96	12:09:01	28.218	22.458	16.892	39.00672		-0.011	0		1.768
10/31/96	12:10:01	28.229	22.447	16.881	40.00608		-0.011	-0.011		1.779
10/31/96	12:11:01	28.229	22.447	16.892	41.00688		-0.022	0		1.768
10/31/96	12:12:01	28.229	22.447	16.87	42.00624		-0.022	0		1.79
10/31/96	12:13:01	28.229	22.447	16.881	43.00704		-0.022	0		1.779
10/31/96	12:14:01	28.229	22.458	16.881	44.0064		-0.022	-0.011		1.779

Date	Time	Analog#01 MW6L-15psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/31/96	12:15:01	28.229	22.458	16.859	45.0072			-0.022	-0.011	1.801
10/31/96	12:16:01	28.229	22.447	16.881	46.00656			-0.022	0	1.779
10/31/96	12:17:01	28.229	22.447	16.881	47.00736			-0.022	0	1.779
10/31/96	12:18:01	28.218	22.458	16.87	48.00672			-0.011	-0.011	1.79
10/31/96	12:19:01	28.229	22.447	16.87	49.00608			-0.022	0	1.79
10/31/96	12:20:01	28.229	22.447	16.87	50.00688			-0.022	0	1.79
10/31/96	12:21:01	28.229	22.447	16.87	51.00624			-0.022	0	1.79
10/31/96	12:22:01	28.229	22.447	16.87	52.00704			-0.022	0	1.79
10/31/96	12:23:01	28.229	22.447	16.859	53.0064			-0.022	0	1.801
10/31/96	12:24:01	28.229	22.447	16.87	54.0072			-0.022	0	1.79
10/31/96	12:25:01	28.218	22.447	16.87	55.00656			-0.011	0	1.79
10/31/96	12:26:01	28.229	22.447	16.87	56.00736			-0.022	0	1.79
10/31/96	12:27:01	28.229	22.436	16.859	57.00672			-0.022	0.011	1.801
10/31/96	12:28:01	28.229	22.447	16.881	58.00608			-0.022	0	1.779
10/31/96	12:29:01	28.229	22.447	16.859	59.00688			-0.022	0	1.801
10/31/96	12:30:01	28.229	22.447	16.859	60.00624			-0.022	0	1.801
10/31/96	12:31:01	28.229	22.447	16.859	61.00704			-0.022	0	1.801
10/31/96	12:32:01	28.229	22.447	16.849	62.0064			-0.022	0	1.811
10/31/96	12:33:01	28.229	22.447	16.87	63.0072			-0.022	0	1.79
10/31/96	12:34:01	28.229	22.458	16.87	64.00656			-0.022	-0.011	1.79
10/31/96	12:35:01	28.24	22.447	16.849	65.00736			-0.033	0	1.811
10/31/96	12:36:01	28.229	22.458	16.849	66.00672			-0.022	-0.011	1.811
10/31/96	12:37:01	28.229	22.458	16.859	67.00608			-0.022	-0.011	1.801
10/31/96	12:38:01	28.229	22.447	16.849	68.00688			-0.022	0	1.811
10/31/96	12:39:01	28.229	22.458	16.859	69.00624			-0.022	-0.011	1.801
10/31/96	12:40:01	28.229	22.447	16.859	70.00704			-0.022	0	1.801
10/31/96	12:41:01	28.229	22.447	16.849	71.0064			-0.022	0	1.811
10/31/96	12:42:01	28.229	22.458	16.859	72.0072			-0.022	-0.011	1.801
10/31/96	12:43:01	28.229	22.447	16.849	73.00656			-0.022	0	1.811
10/31/96	12:44:01	28.24	22.447	16.849	74.00736			-0.033	0	1.811
10/31/96	12:45:01	28.229	22.458	16.838	75.00672			-0.022	-0.011	1.822
10/31/96	12:46:01	28.229	22.458	16.827	76.00608			-0.022	-0.011	1.833
10/31/96	12:47:01	28.229	22.447	16.838	77.00688			-0.022	0	1.822
10/31/96	12:48:01	28.229	22.447	16.838	78.00624			-0.022	0	1.822
10/31/96	12:49:01	28.229	22.458	16.838	79.00704			-0.022	-0.011	1.822
10/31/96	12:50:01	28.229	22.447	16.838	80.0064			-0.022	0	1.822
10/31/96	12:51:01	28.229	22.447	16.838	81.0072			-0.022	0	1.822
10/31/96	12:52:01	28.229	22.458	16.827	82.00656			-0.022	-0.011	1.833
10/31/96	12:53:01	28.24	22.447	16.838	83.00736			-0.033	0	1.822
10/31/96	12:54:01	28.229	22.458	16.838	84.00672			-0.022	-0.011	1.822
10/31/96	12:55:01	28.24	22.447	16.827	85.00608			-0.033	0	1.833
10/31/96	12:56:01	28.24	22.458	16.838	86.00688			-0.033	-0.011	1.822
10/31/96	12:57:01	28.24	22.447	16.838	87.00624			-0.033	0	1.822

Date	Time	Analog#01 MW6L-15psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/31/96	12:58:01	28.229	22.458	16.838	88.00704			-0.022	-0.011	1.822
10/31/96	12:59:01	28.24	22.447	16.827	89.0064			-0.033	0	1.833
10/31/96	13:00:01	28.24	22.458	16.827	90.0072			-0.033	-0.011	1.833
10/31/96	13:01:01	28.24	22.447	16.816	91.00656			-0.033	0	1.844
10/31/96	13:02:01	28.24	22.447	16.827	92.00736			-0.033	0	1.833
10/31/96	13:03:01	28.24	22.447	16.827	93.00672			-0.033	0	1.833
10/31/96	13:04:01	28.251	22.447	16.827	94.00608			-0.044	0	1.833
10/31/96	13:05:01	28.24	22.447	16.827	95.00688			-0.033	0	1.833
10/31/96	13:06:01	28.24	22.447	16.827	96.00624			-0.033	0	1.833
10/31/96	13:07:01	28.24	22.447	16.816	97.00704			-0.033	0	1.844
10/31/96	13:08:01	28.24	22.447	16.816	98.0064			-0.033	0	1.844
10/31/96	13:09:01	28.229	22.458	16.816	99.0072			-0.022	-0.011	1.844
10/31/96	13:10:01	28.229	22.447	16.816	100.00656			-0.022	0	1.844
10/31/96	13:11:01	28.24	22.447	16.816	101.00736			-0.033	0	1.844
10/31/96	13:12:01	28.24	22.447	16.816	102.00672			-0.033	0	1.844
10/31/96	13:13:01	28.24	22.447	16.816	103.00608			-0.033	0	1.844
10/31/96	13:14:01	28.229	22.458	16.827	104.00688			-0.022	-0.011	1.833
10/31/96	13:15:01	28.24	22.447	16.816	105.00624			-0.033	0	1.844
10/31/96	13:16:01	28.24	22.458	16.816	106.00704			-0.033	-0.011	1.844
10/31/96	13:17:01	28.251	22.458	16.816	107.0064			-0.044	-0.011	1.844
10/31/96	13:18:01	28.24	22.458	16.816	108.0072			-0.033	-0.011	1.844
10/31/96	13:19:01	28.24	22.458	16.816	109.00656			-0.033	-0.011	1.844
10/31/96	13:20:01	28.24	22.458	16.805	110.00736			-0.033	-0.011	1.855
10/31/96	13:21:01	28.24	22.458	16.805	111.00672			-0.033	-0.011	1.855
10/31/96	13:22:01	28.24	22.458	16.794	112.00608			-0.033	-0.011	1.866
10/31/96	13:23:01	28.24	22.447	16.805	113.00688			-0.033	0	1.855
10/31/96	13:24:01	28.251	22.447	16.816	114.00624			-0.044	0	1.844
10/31/96	13:25:01	28.24	22.447	16.805	115.00704			-0.033	0	1.855
10/31/96	13:26:01	28.24	22.447	16.805	116.0064			-0.033	0	1.855
10/31/96	13:27:01	28.24	22.458	16.794	117.0072			-0.033	-0.011	1.866
10/31/96	13:28:01	28.24	22.458	16.794	118.00656			-0.033	-0.011	1.866
10/31/96	13:29:01	28.24	22.458	16.805	119.00736			-0.033	-0.011	1.855
10/31/96	13:30:01	28.24	22.458	16.786	120.00672	0		-0.033	-0.011	1.874
10/31/96	13:31:01	28.251	22.458	18.494	121.00608	0.99936	121.08357	-0.044	-0.011	0.166
10/31/96	13:32:01	28.24	22.447	18.451	122.00688	2.00016	60.99856	-0.033	0	0.209
10/31/96	13:33:01	28.24	22.458	18.462	123.00624	2.99952	41.008641	-0.033	-0.011	0.198
10/31/96	13:34:01	28.24	22.458	18.473	124.00704	4.00032	30.99928	-0.033	-0.011	0.187
10/31/96	13:35:01	28.24	22.447	18.494	125.0064	4.99968	25.00288	-0.033	0	0.166
10/31/96	13:36:01	28.24	22.458	18.494	126.0072	6.00048	20.99952	-0.033	-0.011	0.166
10/31/96	13:37:01	28.251	22.458	18.494	127.00656	6.99984	18.144209	-0.044	-0.011	0.166
10/31/96	13:38:01	28.24	22.447	18.505	128.00736	8.00064	15.99964	-0.033	0	0.155
10/31/96	13:39:01	28.261	22.447	18.505	129.00672	9	14.33408	-0.054	0	0.155
10/31/96	13:40:01	28.251	22.458	18.505	130.00608	9.99936	13.00144	-0.044	-0.011	0.155

Date	Time	Analog#01 MW6L-15psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/31/96	13:41:01	28.24	22.447	18.516	131.00688	11.00016	11.909543	-0.033	0	0.144
10/31/96	13:42:01	28.24	22.458	18.527	132.00624	11.99952	11.00096	-0.033	-0.011	0.133
10/31/96	13:43:01	28.24	22.447	18.516	133.00704	13.00032	10.231059	-0.033	0	0.144
10/31/96	13:44:01	28.251	22.447	18.527	134.0064	13.99968	9.5721045	-0.044	0	0.133
10/31/96	13:45:01	28.251	22.458	18.527	135.0072	15.00048	9.000192	-0.044	-0.011	0.133
10/31/96	13:46:01	28.261	22.458	18.538	136.00656	15.99984	8.500495	-0.054	-0.011	0.122
10/31/96	13:47:01	28.24	22.447	18.538	137.00736	17.00064	8.0589531	-0.033	0	0.122
10/31/96	13:48:01	28.251	22.447	18.538	138.00672	18	7.66704	-0.044	0	0.122
10/31/96	13:49:01	28.24	22.458	18.549	139.00608	18.99936	7.3163559	-0.033	-0.011	0.111
10/31/96	13:50:01	28.251	22.447	18.538	140.00688	20.00016	7.000288	-0.044	0	0.122
10/31/96	13:51:01	28.251	22.458	18.549	141.00624	20.99952	6.7147363	-0.044	-0.011	0.111
10/31/96	13:52:01	28.251	22.458	18.549	142.00704	22.00032	6.4547716	-0.044	-0.011	0.111
10/31/96	13:53:01	28.251	22.458	18.549	143.0064	22.99968	6.2177561	-0.044	-0.011	0.111
10/31/96	13:54:01	28.261	22.458	18.559	144.0072	24.00048	6.00018	-0.054	-0.011	0.101
10/31/96	13:55:01	28.229	22.458	18.559	145.00656	24.99984	5.8002995	-0.022	-0.011	0.101
10/31/96	13:56:01	28.261	22.447	18.559	146.00736	26.00064	5.6155295	-0.054	0	0.101
10/31/96	13:57:01	28.251	22.458	18.559	147.00672	27	5.4446933	-0.044	-0.011	0.101
10/31/96	13:58:01	28.24	22.447	18.559	148.00608	27.99936	5.2860523	-0.033	0	0.101
10/31/96	13:59:01	28.251	22.458	18.559	149.00688	29.00016	5.1381399	-0.044	-0.011	0.101
10/31/96	14:00:01	28.251	22.458	18.57	150.00624	29.99952	5.000288	-0.044	-0.011	0.09
10/31/96	14:01:01	28.24	22.458	18.57	151.00704	31.00032	4.8711446	-0.033	-0.011	0.09
10/31/96	14:02:01	28.251	22.458	18.57	152.0064	31.99968	4.7502475	-0.044	-0.011	0.09
10/31/96	14:03:01	28.251	22.447	18.57	153.0072	33.00048	4.6365144	-0.044	0	0.09
10/31/96	14:04:01	28.251	22.447	18.57	154.00656	33.99984	4.529626	-0.044	0	0.09
10/31/96	14:05:01	28.261	22.458	18.57	155.00736	35.00064	4.4287007	-0.054	-0.011	0.09
10/31/96	14:06:01	28.251	22.447	18.581	156.00672	36	4.33352	-0.044	0	0.079
10/31/96	14:07:01	28.261	22.458	18.581	157.00608	36.99936	4.243481	-0.054	-0.011	0.079
10/31/96	14:08:01	28.251	22.458	18.57	158.00688	38.00016	4.1580583	-0.044	-0.011	0.09
10/31/96	14:09:01	28.261	22.458	18.581	159.00624	38.99952	4.0771333	-0.054	-0.011	0.079
10/31/96	14:10:01	28.261	22.458	18.581	160.00704	40.00032	4.000144	-0.054	-0.011	0.079
10/31/96	14:11:01	28.251	22.458	18.581	161.0064	40.99968	3.927016	-0.044	-0.011	0.079
10/31/96	14:12:01	28.251	22.458	18.592	162.0072	42.00048	3.8572702	-0.044	-0.011	0.068
10/31/96	14:13:01	28.24	22.468	18.581	163.00656	42.99984	3.7908643	-0.033	-0.021	0.079
10/31/96	14:14:01	28.261	22.458	18.581	164.00736	44.00064	3.7273858	-0.054	-0.011	0.079
10/31/96	14:15:01	28.261	22.458	18.581	165.00672	45	3.666816	-0.054	-0.011	0.079
10/31/96	14:16:01	28.24	22.458	18.581	166.00608	45.99936	3.608878	-0.033	-0.011	0.079
10/31/96	14:17:01	28.251	22.458	18.581	167.00688	47.00016	3.5533258	-0.044	-0.011	0.079
10/31/96	14:18:01	28.261	22.458	18.592	168.00624	47.99952	3.500165	-0.054	-0.011	0.068
10/31/96	14:19:01	28.251	22.458	18.592	169.00704	49.00032	3.4491007	-0.044	-0.011	0.068
10/31/96	14:20:01	28.251	22.458	18.592	170.0064	49.99968	3.4001498	-0.044	-0.011	0.068
10/31/96	14:21:01	28.251	22.458	18.592	171.0072	51.00048	3.3530508	-0.044	-0.011	0.068
10/31/96	14:22:01	28.251	22.447	18.592	172.00656	51.99984	3.3078286	-0.044	0	0.068
10/31/96	14:23:01	28.261	22.458	18.592	173.00736	53.00064	3.2642504	-0.054	-0.011	0.068

Date	Time	Analog#01 MW6L - 15psi. ft.....	Analog#02 MW6M - 15psi. ft.....	Analog#03 MW6S - 15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/31/96	14:24:01	28.251	22.458	18.592	174.00672	54	3.2223467	-0.044	-0.011	0.068
10/31/96	14:25:01	28.251	22.458	18.592	175.00608	54.99936	3.1819658	-0.044	-0.011	0.068
10/31/96	14:26:01	28.261	22.458	18.592	176.00688	56.00016	3.142971	-0.054	-0.011	0.068
10/31/96	14:27:01	28.261	22.458	18.603	177.00624	56.99952	3.1053988	-0.054	-0.011	0.057
10/31/96	14:28:01	28.261	22.468	18.592	178.00704	58.00032	3.06907	-0.054	-0.021	0.068
10/31/96	14:29:01	28.251	22.458	18.581	179.0064	58.99968	3.0340232	-0.044	-0.011	0.079
10/31/96	14:30:01	28.261	22.458	18.592	180.0072	60.00048	3.000096	-0.054	-0.011	0.068
10/31/96	14:31:01	28.251	22.447	18.592	181.00656	60.99984	2.9673284	-0.044	0	0.068
10/31/96	14:32:01	28.261	22.458	18.592	182.00736	62.00064	2.9355723	-0.054	-0.011	0.068
10/31/96	14:33:01	28.251	22.458	18.592	183.00672	63	2.9048686	-0.044	-0.011	0.068
10/31/96	14:34:01	28.251	22.458	18.592	184.00608	63.99936	2.8751238	-0.044	-0.011	0.068
10/31/96	14:35:01	28.251	22.458	18.603	185.00688	65.00016	2.8462527	-0.044	-0.011	0.057
10/31/96	14:36:01	28.261	22.458	18.592	186.00624	65.99952	2.8182969	-0.054	-0.011	0.068
10/31/96	14:37:01	28.261	22.458	18.592	187.00704	67.00032	2.7911365	-0.054	-0.011	0.068
10/31/96	14:38:01	28.261	22.458	18.603	188.0064	67.99968	2.764813	-0.054	-0.011	0.057
10/31/96	14:39:01	28.261	22.458	18.603	189.0072	69.00048	2.7392157	-0.054	-0.011	0.057
10/31/96	14:40:01	28.251	22.458	18.603	190.00656	69.99984	2.7143856	-0.044	-0.011	0.057
10/31/96	14:41:01	28.272	22.458	18.603	191.00736	71.00064	2.6902203	-0.065	-0.011	0.057
10/31/96	14:42:01	28.261	22.458	18.592	192.00672	72	2.66676	-0.054	-0.011	0.068
10/31/96	14:43:01	28.261	22.458	18.603	193.00608	72.99936	2.6439421	-0.054	-0.011	0.057
10/31/96	14:44:01	28.261	22.458	18.603	194.00688	74.00016	2.6217089	-0.054	-0.011	0.057
10/31/96	14:45:01	28.261	22.458	18.603	195.00624	74.99952	2.6000998	-0.054	-0.011	0.057
10/31/96	14:46:01	28.272	22.458	18.603	196.00704	76.00032	2.5790291	-0.065	-0.011	0.057
10/31/96	14:47:01	28.261	22.447	18.614	197.0064	76.99968	2.5585353	-0.054	0	0.046
10/31/96	14:48:01	28.261	22.458	18.603	198.0072	78.00048	2.5385382	-0.054	-0.011	0.057
10/31/96	14:49:01	28.261	22.447	18.603	199.00656	78.99984	2.5190755	-0.054	0	0.057
10/31/96	14:50:01	28.272	22.458	18.614	200.00736	80.00064	2.500072	-0.065	-0.011	0.046
10/31/96	14:51:01	28.272	22.458	18.614	201.00672	81	2.4815644	-0.065	-0.011	0.046
10/31/96	14:52:01	28.261	22.447	18.603	202.00608	81.99936	2.463508	-0.054	0	0.057
10/31/96	14:53:01	28.272	22.458	18.603	203.00688	83.00016	2.4458613	-0.065	-0.011	0.057
10/31/96	14:54:01	28.261	22.458	18.603	204.00624	83.99952	2.4286596	-0.054	-0.011	0.057
10/31/96	14:55:01	28.272	22.447	18.603	205.00704	85.00032	2.4118384	-0.065	0	0.057
10/31/96	14:56:01	28.261	22.458	18.603	206.0064	85.99968	2.3954322	-0.054	-0.011	0.057
10/31/96	14:57:01	28.261	22.458	18.614	207.0072	87.00048	2.37938	-0.054	-0.011	0.046
10/31/96	14:58:01	28.261	22.447	18.603	208.00656	87.99984	2.3637152	-0.054	0	0.057
10/31/96	14:59:01	28.261	22.447	18.603	209.00736	89.00064	2.3483804	-0.054	0	0.057
10/31/96	15:00:01	28.261	22.458	18.603	210.00672	90	2.333408	-0.054	-0.011	0.057
10/31/96	15:01:01	-8.6517	22.458	18.603	211.00608	90.99936	2.3187644		-0.011	0.057
10/31/96	15:02:01	-8.6517	22.458	18.603	212.00688	92.00016	2.3044186		-0.011	0.057
10/31/96	15:03:01	-8.6517	22.458	18.603	213.00624	92.99952	2.2904015		-0.011	0.057
10/31/96	15:04:01	-8.6517	22.447	18.603	214.00704	94.00032	2.2766629		0	0.057
10/31/96	15:05:01	-8.6517	22.447	18.603	215.0064	94.99968	2.2632329		0	0.057
10/31/96	15:06:01	-8.6517	22.447	18.603	216.0072	96.00048	2.2500637		0	0.057

Date	Time	Analog#01 MW6L-15psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	1/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/31/96	15:07:01	-8.6517	22.447	18.603	217.00656	96.99984	2.2371847		0	0.057
10/31/96	15:08:01	-8.6408	22.458	18.603	218.00736	98.00064	2.2245504		-0.011	0.057
10/31/96	15:09:01	-8.6517	22.447	18.603	219.00672	99	2.2121891		0	0.057
10/31/96	15:10:01	-8.6517	22.447	18.603	220.00608	99.99936	2.2000749		0	0.057
10/31/96	15:11:01	-8.6517	22.447	18.603	221.00688	101.00016	2.1881835		0	0.057
10/31/96	15:12:01	-8.6517	22.458	18.603	222.00624	101.99952	2.176542		-0.011	0.057
10/31/96	15:13:01	-8.6517	22.447	18.603	223.00704	103.00032	2.1651102		0	0.057

Aqtesolv Input Data

MW6S Drawdown-MW6S Constant Rate Test

pwrate

4.01

radius

0.17

sthick

34

tsdata

0	0 1
1.0008	1.801 0
2.00016	1.746 0
2.99952	1.357 0
4.00032	1.562 1
4.99968	1.584 1
6.00048	1.606 1
6.99984	1.638 1
8.00064	1.649 1
9	1.649 1
10.00656	1.681 1
11.00736	1.692 1
12.00672	1.671 1
13.00608	1.703 1
14.00688	1.692 1
15.00624	1.714 1
16.00704	1.725 1
17.0064	1.714 1
18.0072	1.725 1
19.00656	1.725 1
20.00736	1.736 1
21.00672	1.725 1
22.00608	1.736 1
23.00688	1.757 1
24.00624	1.746 1
25.00704	1.757 1
26.0064	1.757 1
27.0072	1.757 1
28.00656	1.757 1
29.00736	1.757 1
30.00672	1.768 1
31.00608	1.768 1
32.00688	1.768 1
33.00624	1.768 1
34.00704	1.779 1
35.0064	1.768 1
36.0072	1.768 1
37.00656	1.779 1
38.00736	1.779 1
39.00672	1.768 1
40.00608	1.779 1
41.00688	1.768 1
42.00624	1.79 1
43.00704	1.779 1
44.0064	1.779 1
45.0072	1.801 1
46.00656	1.779 1
47.00736	1.779 1
48.00672	1.79 1
49.00608	1.79 1
50.00688	1.79 1
51.00624	1.79 1
52.00704	1.79 1
53.0064	1.801 1
54.0072	1.79 1
55.00656	1.79 1
56.00736	1.79 1
57.00672	1.801 1
58.00608	1.779 1
59.00688	1.801 1
60.00624	1.801 1
61.00704	1.801 1
62.0064	1.811 1
63.0072	1.79 1
64.00656	1.79 1
65.00736	1.811 1

MW6S Constant Rate Data Cont'

66.00672	1.811	1
67.00608	1.801	1
68.00688	1.811	1
69.00624	1.801	1
70.00704	1.801	1
71.0064	1.811	1
72.0072	1.801	1
73.00656	1.811	1
74.00736	1.811	1
75.00672	1.822	1
76.00608	1.833	1
77.00688	1.822	1
78.00624	1.822	1
79.00704	1.822	1
80.0064	1.822	1
81.0072	1.822	1
82.00656	1.833	1
83.00736	1.822	1
84.00672	1.822	1
85.00608	1.833	1
86.00688	1.822	1
87.00624	1.822	1
88.00704	1.822	1
89.0064	1.833	1
90.0072	1.833	1
91.00656	1.844	1
92.00736	1.833	1
93.00672	1.833	1
94.00608	1.833	1
95.00688	1.833	1
96.00624	1.833	1
97.00704	1.844	1
98.0064	1.844	1
99.0072	1.844	1
100.00656	1.844	1
101.00736	1.844	1
102.00672	1.844	1
103.00608	1.844	1
104.00688	1.833	1
105.00624	1.844	1
106.00704	1.844	1
107.0064	1.844	1
108.0072	1.844	1
109.00656	1.844	1
110.00736	1.855	1
111.00672	1.855	1
112.00608	1.866	1
113.00688	1.855	1
114.00624	1.844	1
115.00704	1.855	1
116.0064	1.855	1
117.0072	1.866	1
118.00656	1.866	1
119.00736	1.855	1
120.00672	1.874	1

Aqtesolv Input Data

MW6S Recovery-MW6S Constant Rate Test

pwrata

4.01

trcov

120

tsdata

0	1.874	1
0.99936	0.166	1
2.00016	0.209	1
2.99952	0.198	1
4.00032	0.187	1
4.99968	0.166	1
6.00048	0.166	1
6.99984	0.166	1
8.00064	0.155	1
9	0.155	1
9.99936	0.155	1
11.00016	0.144	1
11.99952	0.133	1
13.00032	0.144	1
13.99968	0.133	1
15.00048	0.133	1
15.99984	0.122	1
17.00064	0.122	1
18	0.122	1
18.99936	0.111	1
20.00016	0.122	1
20.99952	0.111	1
22.00032	0.111	1
22.99968	0.111	1
24.00048	0.101	1
24.99984	0.101	1
26.00064	0.101	1
27	0.101	1
27.99936	0.101	1
29.00016	0.101	1
29.99952	0.09	1
31.00032	0.09	1
31.99968	0.09	1
33.00048	0.09	1
33.99984	0.09	1
35.00064	0.09	1
36	0.079	1
36.99936	0.079	1
38.00016	0.09	1
38.99952	0.079	1
40.00032	0.079	1
40.99968	0.079	1
42.00048	0.068	1
42.99984	0.079	1
44.00064	0.079	1
45	0.079	1
45.99936	0.079	1
47.00016	0.079	1
47.99952	0.068	1
49.00032	0.068	1
49.99968	0.068	1
51.00048	0.068	1
51.99984	0.068	1
53.00064	0.068	1
54	0.068	1
54.99936	0.068	1
56.00016	0.068	1
56.99952	0.057	1
58.00032	0.068	1
58.99968	0.079	1
60.00048	0.068	1
60.99984	0.068	1
62.00064	0.068	1
63	0.068	1
63.99936	0.068	1
65.00016	0.057	1
65.99952	0.068	1
67.00032	0.068	1

MW6S Recovery Data Cont'

67.99968	0.057	1
69.00048	0.057	1
69.99984	0.057	1
71.00064	0.057	1
72	0.068	1
72.99936	0.057	1
74.00016	0.057	1
74.99952	0.057	1
76.00032	0.057	1
76.99968	0.048	1
78.00048	0.057	1
78.99984	0.057	1
80.00064	0.046	1
81	0.046	1
81.99936	0.057	1
83.00016	0.057	1
83.99952	0.057	1
85.00032	0.057	1
85.99968	0.057	1
87.00048	0.046	1
87.99984	0.057	1
89.00064	0.057	1
90	0.057	1
90.99936	0.057	1
92.00016	0.057	1
92.99952	0.057	1
94.00032	0.057	1
94.99968	0.057	1
96.00048	0.057	1
96.99984	0.057	1
98.00064	0.057	1
99	0.057	1
99.99936	0.057	1
101.00016	0.057	1
101.99952	0.057	1
103.00032	0.057	1

Date	Time	Analog#01 MW6M-15psi. ft.....	Analog#02 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
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Terra8 Data Collection Report

Firmware Version 4.2/91
 Number of Bytes in Data Dump 1216
 User Supplied Comment MW6M-AQTEST
 Time Header Block Loaded 1996/11/03 13:10:01.20
 Time Data File Dumped 1996/11/03 19:26:48.50
 Remaining Memory 64320
 Number of Logs 183
 Type of Data Memory Memory Board
 Logs/Timestamp 10
 Power was OK During Data Collection Period

Terra8 Channel Setup

Number of ANALOG Channels = 2

Ch#	Description	Units	Delay	M	B
1	MW6M-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	
2	MW6S-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	

Number of DIGITAL Channels = 0

Ch#	Description	Units	Delay	M	B
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Date Sunday November 3, 1996 9:15 PM

PlotFile C:\TERRA3\6MCONS01.PRN

DataFile C:\TERRA3\6MCONS.HEX

MW6M-AQTEST

Time of First Log in Specified Window

4 -1

Date	Time	Analog#01 MW6M-15psi. ft.....	Analog#02 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	Values MW6L Drawdown (s or s') (feet)	Formulas MW6M Drawdown (s or s') (feet)	Formulas MW6S Drawdown (s or s') (feet)
11/03/96	13:10:01	20.887	21.418	0				0	0
11/03/96	13:11:01	6.1937	21.418	0.99936				14.6933	0
11/03/96	13:12:01	8.9657	21.429	1.99872				11.9213	-0.011

Date	Time	Analog#01 MW6M-15psi. ft.....	Analog#02 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
11/03/96	13:13:01	11.684	21.429	2.99952				9.203	-0.011
11/03/96	13:14:01	11.489	21.418	3.99888				9.398	0
11/03/96	13:15:01	11.435	21.429	4.99968				9.452	-0.011
11/03/96	13:16:01	11.185	21.429	5.99904				9.702	-0.011
11/03/96	13:17:01	11.012	21.429	6.99984				9.875	-0.011
11/03/96	13:18:01	10.947	21.418	7.9992				9.94	0
11/03/96	13:19:01	10.904	21.418	9				9.983	0
11/03/96	13:20:01	10.936	21.429	10.00656			-0.01	9.951	-0.011
11/03/96	13:21:01	10.871	21.418	11.00592				10.016	0
11/03/96	13:22:01	10.806	21.429	12.00528				10.081	-0.011
11/03/96	13:23:01	10.763	21.418	13.00608				10.124	0
11/03/96	13:24:01	10.817	21.429	14.00544				10.07	-0.011
11/03/96	13:25:01	10.677	21.429	15.00624				10.21	-0.011
11/03/96	13:26:01	10.677	21.429	16.0056				10.21	-0.011
11/03/96	13:27:01	10.644	21.429	17.0064				10.243	-0.011
11/03/96	13:28:01	10.601	21.429	18.00576			-0.04	10.286	-0.011
11/03/96	13:29:01	10.774	21.418	19.00656				10.113	0
11/03/96	13:30:01	10.666	21.418	20.00592				10.221	0
11/03/96	13:31:01	10.601	21.418	21.00528				10.286	0
11/03/96	13:32:01	10.557	21.418	22.00608			-0.04	10.33	0
11/03/96	13:33:01	10.752	21.429	23.00544				10.135	-0.011
11/03/96	13:34:01	10.579	21.429	24.00624				10.308	-0.011
11/03/96	13:35:01	10.601	21.418	25.0056				10.286	0
11/03/96	13:36:01	10.633	21.429	26.0064			-0.04	10.254	-0.011
11/03/96	13:37:01	10.687	21.418	27.00576				10.2	0
11/03/96	13:38:01	10.579	21.418	28.00656				10.308	0
11/03/96	13:39:01	10.601	21.429	29.00592				10.286	-0.011
11/03/96	13:40:01	10.698	21.418	30.00528				10.189	0
11/03/96	13:41:01	10.72	21.429	31.00608				10.167	-0.011
11/03/96	13:42:01	10.709	21.418	32.00544				10.178	0
11/03/96	13:43:01	10.644	21.418	33.00624				10.243	0
11/03/96	13:44:01	10.341	21.418	34.0056				10.546	0
11/03/96	13:45:01	10.341	21.418	35.0064				10.546	0
11/03/96	13:46:01	10.352	21.429	36.00576				10.535	-0.011
11/03/96	13:47:01	10.417	21.418	37.00656				10.47	0
11/03/96	13:48:01	10.341	21.418	38.00592			-0.04	10.546	0
11/03/96	13:49:01	10.352	21.418	39.00528				10.535	0
11/03/96	13:50:01	10.471	21.418	40.00608				10.416	0
11/03/96	13:51:01	10.352	21.429	41.00544				10.535	-0.011
11/03/96	13:52:01	10.395	21.418	42.00624				10.492	0
11/03/96	13:53:01	10.33	21.429	43.0056				10.557	-0.011
11/03/96	13:54:01	10.298	21.418	44.0064				10.589	0
11/03/96	13:55:01	10.341	21.418	45.00576				10.546	0

Date	Time	Analog#01 MW6M-15psi. ft.....	Analog#02 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
11/03/96	13:56:01	10.503	21.418	46.00656				10.384	0
11/03/96	13:57:01	10.395	21.429	47.00592				10.492	-0.011
11/03/96	13:58:01	10.384	21.418	48.00528			-0.05	10.503	0
11/03/96	13:59:01	10.514	21.407	49.00608				10.373	0.011
11/03/96	14:00:01	10.417	21.418	50.00544				10.47	0
11/03/96	14:01:01	10.557	21.418	51.00624				10.33	0
11/03/96	14:02:01	10.568	21.418	52.0056				10.319	0
11/03/96	14:03:01	10.633	21.418	53.0064				10.254	0
11/03/96	14:04:01	10.557	21.418	54.00576				10.33	0
11/03/96	14:05:01	10.547	21.418	55.00656				10.34	0
11/03/96	14:06:01	10.536	21.418	56.00592				10.351	0
11/03/96	14:07:01	10.525	21.418	57.00528				10.362	0
11/03/96	14:08:01	10.557	21.418	58.00608				10.33	0
11/03/96	14:09:01	10.514	21.418	59.00544				10.373	0
11/03/96	14:10:01	10.557	21.429	60.00624				10.33	-0.011
11/03/96	14:11:01	10.536	21.418	61.0056				10.351	0
11/03/96	14:12:01	10.59	21.418	62.0064				10.297	0
11/03/96	14:13:01	10.557	21.429	63.00576			-0.05	10.33	-0.011
11/03/96	14:14:01	10.547	21.418	64.00656				10.34	0
11/03/96	14:15:01	10.536	21.429	65.00592				10.351	-0.011
11/03/96	14:16:01	10.644	21.429	66.00528				10.243	-0.011
11/03/96	14:17:01	10.59	21.418	67.00608				10.297	0
11/03/96	14:18:01	10.557	21.418	68.00544				10.33	0
11/03/96	14:19:01	10.72	21.418	69.00624				10.167	0
11/03/96	14:20:01	10.59	21.418	70.0056				10.297	0
11/03/96	14:21:01	10.709	21.418	71.0064				10.178	0
11/03/96	14:22:01	10.503	21.407	72.00576				10.384	0.011
11/03/96	14:23:01	10.579	21.418	73.00656				10.308	0
11/03/96	14:24:01	10.633	21.429	74.00592				10.254	-0.011
11/03/96	14:25:01	10.622	21.418	75.00528				10.265	0
11/03/96	14:26:01	10.536	21.418	76.00608				10.351	0
11/03/96	14:27:01	10.417	21.418	77.00544				10.47	0
11/03/96	14:28:01	10.568	21.429	78.00624				10.319	-0.011
11/03/96	14:29:01	10.525	21.429	79.0056				10.362	-0.011
11/03/96	14:30:01	10.655	21.418	80.0064				10.232	0
11/03/96	14:31:01	10.622	21.418	81.00576				10.265	0
11/03/96	14:32:01	10.612	21.418	82.00656				10.275	0
11/03/96	14:33:01	10.547	21.407	83.00592				10.34	0.011
11/03/96	14:34:01	10.579	21.418	84.00528			-0.05	10.308	0
11/03/96	14:35:01	10.666	21.418	85.00608				10.221	0
11/03/96	14:36:01	10.612	21.418	86.00544				10.275	0
11/03/96	14:37:01	10.644	21.418	87.00624				10.243	0
11/03/96	14:38:01	10.612	21.418	88.0056				10.275	0

Date	Time	Analog#01 MW6M-15psi. ft.....	Analog#02 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
11/03/96	14:39:01	10.568	21.418	89.0064				10.319	0
11/03/96	14:40:01	10.471	21.429	90.00576				10.416	-0.011
11/03/96	14:41:01	10.482	21.418	91.00656				10.405	0
11/03/96	14:42:01	10.514	21.418	92.00592				10.373	0
11/03/96	14:43:01	10.557	21.418	93.00528				10.33	0
11/03/96	14:44:01	10.677	21.418	94.00608				10.21	0
11/03/96	14:45:01	10.59	21.407	95.00544				10.297	0.011
11/03/96	14:46:01	10.557	21.418	96.00624				10.33	0
11/03/96	14:47:01	10.557	21.418	97.0056				10.33	0
11/03/96	14:48:01	10.557	21.418	98.0064				10.33	0
11/03/96	14:49:01	10.492	21.418	99.00576				10.395	0
11/03/96	14:50:01	10.503	21.418	100.00656				10.384	0
11/03/96	14:51:01	10.482	21.418	101.00592				10.405	0
11/03/96	14:52:01	10.601	21.418	102.00528				10.286	0
11/03/96	14:53:01	10.406	21.418	103.00608				10.481	0
11/03/96	14:54:01	10.655	21.418	104.00544			-0.06	10.232	0
11/03/96	14:55:01	10.536	21.407	105.00624				10.351	0.011
11/03/96	14:56:01	10.417	21.418	106.0056				10.47	0
11/03/96	14:57:01	10.59	21.407	107.0064				10.297	0.011
11/03/96	14:58:01	10.612	21.418	108.00576				10.275	0
11/03/96	14:59:01	10.514	21.418	109.00656				10.373	0
11/03/96	15:00:01	10.482	21.407	110.00592				10.405	0.011
11/03/96	15:01:01	10.503	21.418	111.00528				10.384	0
11/03/96	15:02:01	10.612	21.396	112.00608				10.275	0.022
11/03/96	15:03:01	10.644	21.407	113.00544				10.243	0.011
11/03/96	15:04:01	10.579	21.418	114.00624				10.308	0
11/03/96	15:05:01	10.579	21.407	115.0056				10.308	0.011
11/03/96	15:06:01	10.633	21.418	116.0064			-0.06	10.254	0
11/03/96	15:07:01	10.612	21.418	117.00576				10.275	0
11/03/96	15:08:01	10.557	21.418	118.00656				10.33	0
11/03/96	15:09:01	10.568	21.418	119.00592				10.319	0
11/03/96	15:10:01	10.561	21.418	120.00528	0			10.326	0
11/03/96	15:11:01	20.617	21.418	121.00608	1.0008	120.90935		0.27	0
11/03/96	15:12:01	20.671	21.418	122.00544	2.00016	60.99784		0.216	0
11/03/96	15:13:01	20.703	21.418	123.00624	3.00096	40.988964		0.184	0
11/03/96	15:14:01	20.725	21.418	124.0056	4.00032	30.99892		0.162	0
11/03/96	15:15:01	20.736	21.418	125.0064	5.00112	24.995681		0.151	0
11/03/96	15:16:01	20.768	21.429	126.00576	6.00048	20.99928		0.119	-0.011
11/03/96	15:17:01	20.779	21.418	127.00656	7.00128	18.140477		0.108	0
11/03/96	15:18:01	20.768	21.418	128.00592	8.00064	15.99946		0.119	0
11/03/96	15:19:01	20.779	21.418	129.00528	9	14.33392		0.108	0
11/03/96	15:20:01	20.79	21.418	130.00608	10.0008	12.999568		0.097	0
11/03/96	15:21:01	20.801	21.418	131.00544	11.00016	11.909412		0.086	0

Date	Time	Analog#01 MW6M-15psi. ft.....	Analog#02 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
11/03/96	15:22:01	20.79	21.418	132.00624	12.00096	10.99964		0.097	0
11/03/96	15:23:01	20.801	21.418	133.0056	13.00032	10.230948		0.086	0
11/03/96	15:24:01	20.801	21.429	134.0064	14.00112	9.57112		0.086	-0.011
11/03/96	15:25:01	20.812	21.418	135.00576	15.00048	9.000096		0.075	0
11/03/96	15:26:01	20.812	21.418	136.00656	16.00128	8.49973		0.075	0
11/03/96	15:27:01	20.768	21.429	137.00592	17.00064	8.0588684		0.119	-0.011
11/03/96	15:28:01	20.822	21.407	138.00528	18	7.66696		0.065	0.011
11/03/96	15:29:01	20.822	21.418	139.00608	19.0008	7.3158014		0.065	0
11/03/96	15:30:01	20.833	21.418	140.00544	20.00016	7.000216		0.054	0
11/03/96	15:31:01	20.822	21.418	141.00624	21.00096	6.7142759		0.065	0
11/03/96	15:32:01	20.833	21.418	142.0056	22.00032	6.4547061		0.054	0
11/03/96	15:33:01	20.833	21.407	143.0064	23.00112	6.2173668		0.054	0.011
11/03/96	15:34:01	20.844	21.418	144.00576	24.00048	6.00012		0.043	0
11/03/96	15:35:01	20.844	21.418	145.00656	25.00128	5.7999654		0.043	0
11/03/96	15:36:01	20.844	21.418	146.00592	26.00064	5.6154741	-0.06	0.043	0
11/03/96	15:37:01	20.855	21.418	147.00528	27	5.44464		0.032	0
11/03/96	15:38:01	20.855	21.429	148.00608	28.0008	5.2857804		0.032	-0.011
11/03/96	15:39:01	20.855	21.429	149.00544	29.00016	5.1380903		0.032	-0.011
11/03/96	15:40:01	20.866	21.407	150.00624	30.00096	5.000048		0.021	0.011
11/03/96	15:41:01	20.866	21.418	151.0056	31.00032	4.8710981		0.021	0
11/03/96	15:42:01	20.855	21.418	152.0064	32.00112	4.7500337		0.032	0
11/03/96	15:43:01	20.866	21.418	153.00576	33.00048	4.6364707		0.021	0
11/03/96	15:44:01	20.866	21.418	154.00656	34.00128	4.5294342		0.021	0
11/03/96	15:45:01	20.866	21.418	155.00592	35.00064	4.4286596		0.021	0
11/03/96	15:46:01	20.866	21.418	156.00528	36	4.33348		0.021	0
11/03/96	15:47:01	20.866	21.407	157.00608	37.0008	4.2433158		0.021	0.011
11/03/96	15:48:01	20.866	21.429	158.00544	38.00016	4.1580204		0.021	-0.011
11/03/96	15:49:01	20.877	21.418	159.00624	39.00096	4.0769827		0.01	0
11/03/96	15:50:01	20.877	21.418	160.0056	40.00032	4.000108		0.01	0
11/03/96	15:51:01	20.877	21.418	161.0064	41.00112	3.9268781		0.01	0
11/03/96	15:52:01	20.877	21.418	162.00576	42.00048	3.8572359		0.01	0
11/03/96	15:53:01	20.877	21.418	163.00656	43.00128	3.7907374		0.01	0
11/03/96	15:54:01	20.877	21.418	164.00592	44.00064	3.7273531		0.01	0
11/03/96	15:55:01	20.887	21.418	165.00528	45	3.666784		0	0
11/03/96	15:56:01	20.887	21.407	166.00608	46.0008	3.6087651		0	0.011
11/03/96	15:57:01	20.887	21.407	167.00544	47.00016	3.5532951		0	0.011
11/03/96	15:58:01	20.898	21.418	168.00624	48.00096	3.50006		-0.011	0
11/03/96	15:59:01	20.898	21.429	169.0056	49.00032	3.4490714		-0.011	-0.011
11/03/96	16:00:01	20.887	21.418	170.0064	50.00112	3.4000518		0	0
11/03/96	16:01:01	20.887	21.418	171.00576	51.00048	3.3530226		0	0
11/03/96	16:02:01	20.898	21.407	172.00656	52.00128	3.307737		-0.011	0.011
11/03/96	16:03:01	20.92	21.407	173.00592	53.00064	3.2642232		-0.033	0.011
11/03/96	16:04:01	20.898	21.418	174.00528	54	3.22232		-0.011	0

Aqtesolv Input Data

MW6M Drawdown-MW6M Constant Rate Test

pwrata

10.18

radius

0.21

tedata

0	0 1
0.99936	14.6933 0
1.99872	11.9213 0
2.99952	9.203 1
3.99888	9.398 1
4.99968	9.452 1
5.99904	9.702 1
6.99984	9.875 1
7.9992	9.94 1
9	9.983 1
10.00656	9.951 1
11.00592	10.016 1
12.00528	10.081 1
13.00608	10.124 1
14.00544	10.07 1
15.00624	10.21 1
16.0056	10.21 1
17.0064	10.243 1
18.00576	10.286 1
19.00656	10.113 1
20.00592	10.221 1
21.00528	10.286 1
22.00608	10.33 1
23.00544	10.135 1
24.00624	10.308 1
25.0056	10.286 1
26.0064	10.254 1
27.00576	10.2 1
28.00656	10.308 1
29.00592	10.286 1
30.00528	10.189 1
31.00608	10.167 1
32.00544	10.178 1
33.00624	10.243 1
34.0056	10.546 1
35.0064	10.546 1
36.00576	10.535 1
37.00656	10.47 1
38.00592	10.546 1
39.00528	10.535 1
40.00608	10.416 1
41.00544	10.535 1
42.00624	10.492 1
43.0056	10.557 1
44.0064	10.589 1
45.00576	10.546 1
46.00656	10.384 1
47.00592	10.492 1
48.00528	10.503 1
49.00608	10.373 1
50.00544	10.47 1
51.00624	10.33 1
52.0056	10.319 1
53.0064	10.254 1
54.00576	10.33 1
55.00656	10.34 1
56.00592	10.351 1
57.00528	10.362 1
58.00608	10.33 1
59.00544	10.373 1
60.00624	10.33 1
61.0056	10.351 1
62.0064	10.297 1
63.00576	10.33 1
64.00656	10.34 1
65.00592	10.351 1
66.00528	10.243 1
67.00608	10.297 1

MW6M Constant Rate Data Cont'

68.00544	10.33	1
69.00624	10.167	1
70.0056	10.297	1
71.0064	10.178	1
72.00576	10.384	1
73.00656	10.308	1
74.00592	10.254	1
75.00528	10.265	1
76.00608	10.351	1
77.00544	10.47	1
78.00624	10.319	1
79.0056	10.362	1
80.0064	10.232	1
81.00576	10.265	1
82.00656	10.275	1
83.00592	10.34	1
84.00528	10.308	1
85.00608	10.221	1
86.00544	10.275	1
87.00624	10.243	1
88.0056	10.275	1
89.0064	10.319	1
90.00576	10.416	1
91.00656	10.405	1
92.00592	10.373	1
93.00528	10.33	1
94.00608	10.21	1
95.00544	10.297	1
96.00624	10.33	1
97.0056	10.33	1
98.0064	10.33	1
99.00576	10.395	1
100.00656	10.384	1
101.00592	10.405	1
102.00528	10.286	1
103.00608	10.481	1
104.00544	10.232	1
105.00624	10.351	1
106.0056	10.47	1
107.0064	10.297	1
108.00576	10.275	1
109.00656	10.373	1
110.00592	10.405	1
111.00528	10.384	1
112.00608	10.275	1
113.00544	10.243	1
114.00624	10.308	1
115.0056	10.308	1
116.0064	10.254	1
117.00576	10.275	1
118.00656	10.33	1
119.00592	10.319	1
120.00528	10.326	1

Aqtesolv Input Data

MW6M Recovery-MW6M Constant Rate Test

pwrata

10.18

trcov

120

tsdata

0	10.326	1
1.0008	0.27	1
2.00016	0.216	1
3.00096	0.184	1
4.00032	0.162	1
5.00112	0.151	1
6.00048	0.119	1
7.00128	0.108	1
8.00064	0.119	1
9	0.108	1
10.0008	0.097	1
11.00016	0.086	1
12.00096	0.097	1
13.00032	0.086	1
14.00112	0.086	1
15.00048	0.075	1
16.00128	0.075	1
17.00064	0.119	1
18	0.065	1
19.0008	0.065	1
20.00016	0.054	1
21.00096	0.065	1
22.00032	0.054	1
23.00112	0.054	1
24.00048	0.043	1
25.00128	0.043	1
26.00064	0.043	1
27	0.032	1
28.0008	0.032	1
29.00016	0.032	1
30.00096	0.021	1
31.00032	0.021	1
32.00112	0.032	1
33.00048	0.021	1
34.00128	0.021	1
35.00064	0.021	1
36	0.021	1
37.0008	0.021	1
38.00016	0.021	1
39.00096	0.01	1
40.00032	0.01	1
41.00112	0.01	1
42.00048	0.01	1
43.00128	0.01	1
44.00064	0.01	1
45	0	1
46.0008	0	1
47.00016	0	1
48.00096	-0.011	1
49.00032	-0.011	1
50.00112	0	1
51.00048	0	1
52.00128	-0.011	1
53.00064	-0.033	1
54	-0.011	1
55.0008	-0.011	1
56.00016	-0.011	1
57.00096	-0.011	1
58.00032	-0.022	1
59.00112	-0.011	1
60.00048	-0.022	1
61.00128	-0.033	1

Date	Time	Analog#01 MW6L-30psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
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Terra8 Channel Setup

Number of ANALOG Channels = 3

Ch#	Description	Units	Delay	M	B
1	MW6L-30psi.....	ft.....	100	1.7325E+0001	-1.7325E+0001
2	MW6M-15psi.....	ft.....	100	8.6625E+0000	-8.6625E+0000
3	MW6S-15psi.....	ft.....	100	8.6625E+0000	-8.6625E+0000

Number of DIGITAL Channels = 0

Ch#	Description	Units	Delay	M	B
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Terra8 Data Collection Report

Firmware Version 4.2/91
 Number of Bytes in Data Dump 2818
 User Supplied Comment MW6L-AQTEST
 Time Header Block Loaded 1996/10/30 09:30:01.30
 Time Data File Dumped 1996/10/30 15:08:37.00
 Remaining Memory 62718
 Number of Logs 338
 Type of Data Memory Memory Board
 Logs/Timestamp 10
 Power was OK During Data Collection Period

Date Wednesday October 30, 1996 4:57 PM

PlotFile C:\TERRA3\6LCONS01.PRN

DataFile C:\TERRA3\6LCONST.HEX

MW6L-AQTEST

Time of First Log in Specified Window

4 -1

Date	Time	Analog#01 MW6L-30psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	Formulas MW6L Drawdown (s or s') (feet)	Formulas MW6M Drawdown (s or s') (feet)	Formulas MW6S Drawdown (s or s') (feet)
10/30/96	09:30:01	57.89	22.403	18.689	0			0	0	0
10/30/96	09:31:01	48.618	22.403	18.7	0.99936			9.272	0	-0.011

Date	Time	Analog#01 MW6L—30psi. ft.....	Analog#02 MW6M—15psi. ft.....	Analog#03 MW6S—15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/30/96	09:32:01	48.38	22.393	18.689	2.00016			9.51	0.01	0
10/30/96	09:33:01	47.579	22.403	18.689	2.99952			10.311	0	0
10/30/96	09:34:01	46.604	22.393	18.689	4.00032			11.286	0.01	0
10/30/96	09:35:01	45.088	22.393	18.689	4.99968			12.802	0.01	0
10/30/96	09:36:01	43.811	22.393	18.689	5.99904			14.079	0.01	0
10/30/96	09:37:01	42.858	22.393	18.7	6.99984			15.032	0.01	-0.011
10/30/96	09:38:01	41.862	22.393	18.689	7.9992			16.028	0.01	0
10/30/96	09:39:01	40.865	22.393	18.689	9			17.025	0.01	0
10/30/96	09:40:01	40.021	22.393	18.689	10.00656			17.869	0.01	0
10/30/96	09:41:01	39.523	22.393	18.7	11.00592			18.367	0.01	-0.011
10/30/96	09:42:01	38.721	22.393	18.689	12.00672			19.169	0.01	0
10/30/96	09:43:01	38.05	22.382	18.7	13.00608			19.84	0.021	-0.011
10/30/96	09:44:01	37.357	22.393	18.689	14.00688			20.533	0.01	0
10/30/96	09:45:01	36.924	22.393	18.7	15.00624			20.966	0.01	-0.011
10/30/96	09:46:01	36.274	22.393	18.689	16.0056			21.616	0.01	0
10/30/96	09:47:01	35.884	22.393	18.689	17.0064			22.006	0.01	0
10/30/96	09:48:01	35.408	22.393	18.7	18.00576			22.482	0.01	-0.011
10/30/96	09:49:01	35.04	22.403	18.7	19.00656			22.85	0	-0.011
10/30/96	09:50:01	34.628	22.403	18.7	20.00592			23.262	0	-0.011
10/30/96	09:51:01	34.217	22.393	18.689	21.00672			23.673	0.01	0
10/30/96	09:52:01	33.892	22.403	18.7	22.00608			23.998	0	-0.011
10/30/96	09:53:01	33.589	22.403	18.7	23.00688			24.301	0	-0.011
10/30/96	09:54:01	33.221	22.393	18.689	24.00624			24.669	0.01	0
10/30/96	09:55:01	33.047	22.393	18.7	25.0056			24.843	0.01	-0.011
10/30/96	09:56:01	32.701	22.403	18.711	26.0064			25.189	0	-0.022
10/30/96	09:57:01	32.354	22.393	18.7	27.00576			25.536	0.01	-0.011
10/30/96	09:58:01	32.073	22.393	18.7	28.00656			25.817	0.01	-0.011
10/30/96	09:59:01	31.965	22.393	18.7	29.00592			25.925	0.01	-0.011
10/30/96	10:00:01	31.596	22.393	18.7	30.00672			26.294	0.01	-0.011
10/30/96	10:01:01	31.445	22.403	18.689	31.00608			26.445	0	0
10/30/96	10:02:01	31.228	22.393	18.689	32.00688			26.662	0.01	0
10/30/96	10:03:01	31.012	22.393	18.7	33.00624			26.878	0.01	-0.011
10/30/96	10:04:01	30.774	22.403	18.689	34.0056			27.116	0	0
10/30/96	10:05:01	30.665	22.393	18.7	35.0064			27.225	0.01	-0.011
10/30/96	10:06:01	30.514	22.393	18.7	36.00576			27.376	0.01	-0.011
10/30/96	10:07:01	30.297	22.393	18.7	37.00656			27.593	0.01	-0.011
10/30/96	10:08:01	30.167	22.393	18.711	38.00592			27.723	0.01	-0.022
10/30/96	10:09:01	29.951	22.393	18.7	39.00672			27.939	0.01	-0.011
10/30/96	10:10:01	29.734	22.403	18.7	40.00608			28.156	0	-0.011
10/30/96	10:11:01	29.669	22.403	18.7	41.00688			28.221	0	-0.011
10/30/96	10:12:01	29.539	22.393	18.7	42.00624			28.351	0.01	-0.011
10/30/96	10:13:01	29.344	22.403	18.7	43.0056			28.546	0	-0.011
10/30/96	10:14:01	29.193	22.284	18.7	44.0064			28.697	0.119	-0.011

Date	Time	Analog#01	Analog#02	Analog#03	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L	MW6M	MW6S
		MW6L-30psi. ft.....	MW6M-15psi. ft.....	MW6S-15psi. ft.....				Drawdown (s or s') (feet)	Drawdown (s or s') (feet)	Drawdown (s or s') (feet)
10/30/96	10:15:01	29.149	22.393	18.689	45.00576			28.741	0.01	0
10/30/96	10:16:01	28.998	22.393	18.711	46.00656			28.892	0.01	-0.022
10/30/96	10:17:01	28.976	22.393	18.689	47.00592			28.914	0.01	0
10/30/96	10:18:01	28.781	22.403	18.7	48.00672			29.109	0	-0.011
10/30/96	10:19:01	28.695	22.393	18.7	49.00608			29.195	0.01	-0.011
10/30/96	10:20:01	28.651	22.393	18.7	50.00688			29.239	0.01	-0.011
10/30/96	10:21:01	28.521	22.393	18.7	51.00624			29.369	0.01	-0.011
10/30/96	10:22:01	28.435	22.403	18.711	52.0056			29.455	0	-0.022
10/30/96	10:23:01	28.348	22.403	18.7	53.0064			29.542	0	-0.011
10/30/96	10:24:01	28.196	22.414	18.7	54.00576			29.694	-0.011	-0.011
10/30/96	10:25:01	28.218	22.403	18.7	55.00656			29.672	0	-0.011
10/30/96	10:26:01	28.067	22.393	18.7	56.00592			29.823	0.01	-0.011
10/30/96	10:27:01	27.915	22.393	18.7	57.00672			29.975	0.01	-0.011
10/30/96	10:28:01	27.893	22.393	18.7	58.00608			29.997	0.01	-0.011
10/30/96	10:29:01	27.893	22.403	18.7	59.00688			29.997	0	-0.011
10/30/96	10:30:01	27.742	22.403	18.711	60.00624			30.148	0	-0.022
10/30/96	10:31:01	27.742	22.414	18.7	61.0056			30.148	-0.011	-0.011
10/30/96	10:32:01	27.677	22.393	18.7	62.0064			30.213	0.01	-0.011
10/30/96	10:33:01	27.59	22.393	18.7	63.00576			30.3	0.01	-0.011
10/30/96	10:34:01	27.633	22.403	18.7	64.00656			30.257	0	-0.011
10/30/96	10:35:01	27.525	22.403	18.7	65.00592			30.365	0	-0.011
10/30/96	10:36:01	27.417	22.414	18.7	66.00672			30.473	-0.011	-0.011
10/30/96	10:37:01	27.482	22.393	18.7	67.00608			30.408	0.01	-0.011
10/30/96	10:38:01	27.438	22.403	18.7	68.00688			30.452	0	-0.011
10/30/96	10:39:01	27.309	22.403	18.7	69.00624			30.581	0	-0.011
10/30/96	10:40:01	27.2	22.403	18.7	70.0056			30.69	0	-0.011
10/30/96	10:41:01	27.222	22.403	18.7	71.0064			30.668	0	-0.011
10/30/96	10:42:01	27.135	22.414	18.7	72.00576			30.755	-0.011	-0.011
10/30/96	10:43:01	27.114	22.403	18.7	73.00656			30.776	0	-0.011
10/30/96	10:44:01	27.157	22.403	18.7	74.00592			30.733	0	-0.011
10/30/96	10:45:01	26.984	22.403	18.689	75.00672			30.906	0	0
10/30/96	10:46:01	26.94	22.403	18.7	76.00608			30.95	0	-0.011
10/30/96	10:47:01	26.962	22.403	18.7	77.00688			30.928	0	-0.011
10/30/96	10:48:01	26.962	22.403	18.711	78.00624			30.928	0	-0.022
10/30/96	10:49:01	26.724	22.393	18.7	79.0056			31.166	0.01	-0.011
10/30/96	10:50:01	26.854	22.403	18.7	80.0064			31.036	0	-0.011
10/30/96	10:51:01	26.745	22.403	18.7	81.00576			31.145	0	-0.011
10/30/96	10:52:01	26.616	22.414	18.711	82.00656			31.274	-0.011	-0.022
10/30/96	10:53:01	26.659	22.403	18.7	83.00592			31.231	0	-0.011
10/30/96	10:54:01	26.616	22.403	18.7	84.00672			31.274	0	-0.011
10/30/96	10:55:01	26.464	22.403	18.7	85.00608			31.426	0	-0.011
10/30/96	10:56:01	26.551	22.393	18.7	86.00688			31.339	0.01	-0.011
10/30/96	10:57:01	26.529	22.403	18.711	87.00624			31.361	0	-0.022

Date	Time	Analog#01 MW6L-30psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/30/96	10:58:01	26.377	22.403	18.7	88.0056			31.513	0	-0.011
10/30/96	10:59:01	26.421	22.414	18.7	89.0064			31.469	-0.011	-0.011
10/30/96	11:00:01	26.334	22.403	18.7	90.00576			31.556	0	-0.011
10/30/96	11:01:01	26.334	22.414	18.711	91.00656			31.556	-0.011	-0.022
10/30/96	11:02:01	26.247	22.403	18.711	92.00592			31.643	0	-0.022
10/30/96	11:03:01	26.269	22.414	18.7	93.00672			31.621	-0.011	-0.011
10/30/96	11:04:01	26.269	22.414	18.7	94.00608			31.621	-0.011	-0.011
10/30/96	11:05:01	26.269	22.403	18.711	95.00688			31.621	0	-0.022
10/30/96	11:06:01	26.204	22.403	18.7	96.00624			31.686	0	-0.011
10/30/96	11:07:01	26.182	22.403	18.711	97.0056			31.708	0	-0.022
10/30/96	11:08:01	26.226	22.403	18.7	98.0064			31.664	0	-0.011
10/30/96	11:09:01	26.117	22.414	18.7	99.00576			31.773	-0.011	-0.011
10/30/96	11:10:01	26.074	22.403	18.7	100.00656			31.816	0	-0.011
10/30/96	11:11:01	25.988	22.403	18.7	101.00592			31.902	0	-0.011
10/30/96	11:12:01	26.052	22.403	18.7	102.00672			31.838	0	-0.011
10/30/96	11:13:01	25.836	22.403	18.7	103.00608			32.054	0	-0.011
10/30/96	11:14:01	25.901	22.414	18.689	104.00688			31.989	-0.011	0
10/30/96	11:15:01	25.749	22.403	18.711	105.00624			32.141	0	-0.022
10/30/96	11:16:01	25.706	22.403	18.689	106.0056			32.184	0	0
10/30/96	11:17:01	25.619	22.414	18.711	107.0064			32.271	-0.011	-0.022
10/30/96	11:18:01	25.576	22.403	18.7	108.00576			32.314	0	-0.011
10/30/96	11:19:01	25.446	22.403	18.7	109.00656			32.444	0	-0.011
10/30/96	11:20:01	25.598	22.414	18.7	110.00592			32.292	-0.011	-0.011
10/30/96	11:21:01	25.424	22.403	18.711	111.00672			32.466	0	-0.022
10/30/96	11:22:01	25.381	22.403	18.711	112.00608			32.509	0	-0.022
10/30/96	11:23:01	25.511	22.414	18.7	113.00688			32.379	-0.011	-0.011
10/30/96	11:24:01	25.381	22.403	18.7	114.00624			32.509	0	-0.011
10/30/96	11:25:01	25.273	22.414	18.7	115.0056			32.617	-0.011	-0.011
10/30/96	11:26:01	25.251	22.403	18.7	116.0064			32.639	0	-0.011
10/30/96	11:27:01	25.251	22.414	18.7	117.00576			32.639	-0.011	-0.011
10/30/96	11:28:01	25.251	22.414	18.711	118.00656			32.639	-0.011	-0.022
10/30/96	11:29:01	25.186	22.414	18.711	119.00592			32.704	-0.011	-0.022
10/30/96	11:30:01	25.144	22.414	18.7	120.00672	0		32.746	-0.011	-0.011
10/30/96	11:31:01	33.437	22.403	18.689	121.00608	0.99936	121.08357	24.453	0	0
10/30/96	11:32:01	36.512	22.403	18.711	122.00688	2.00016	60.99856	21.378	0	-0.022
10/30/96	11:33:01	37.357	22.414	18.7	123.00624	2.99952	41.008641	20.533	-0.011	-0.011
10/30/96	11:34:01	38.18	22.403	18.711	124.0056	3.99888	31.010083	19.71	0	-0.022
10/30/96	11:35:01	38.981	22.414	18.711	125.0064	4.99968	25.00288	18.909	-0.011	-0.022
10/30/96	11:36:01	39.739	22.403	18.711	126.00576	5.99904	21.004321	18.151	0	-0.022
10/30/96	11:37:01	40.432	22.414	18.711	127.00656	6.99984	18.144209	17.458	-0.011	-0.022
10/30/96	11:38:01	41.082	22.403	18.711	128.00592	7.9992	16.00234	16.808	0	-0.022
10/30/96	11:39:01	41.688	22.414	18.711	129.00672	9	14.33408	16.202	-0.011	-0.022
10/30/96	11:40:01	42.273	22.414	18.711	130.00608	9.99936	13.00144	15.617	-0.011	-0.022

Date	Time	Analog#01 MW6L-30psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/30/96	11:41:01	42.793	22.414	18.711	131.00688	11.00016	11.909543	15.097	-0.011	-0.022
10/30/96	11:42:01	43.291	22.414	18.711	132.00624	11.99952	11.00096	14.599	-0.011	-0.022
10/30/96	11:43:01	43.746	22.414	18.711	133.0056	12.99888	10.232082	14.144	-0.011	-0.022
10/30/96	11:44:01	44.157	22.414	18.711	134.0064	13.99968	9.5721045	13.733	-0.011	-0.022
10/30/96	11:45:01	44.547	22.393	18.711	135.00576	14.99904	9.0009601	13.343	0.01	-0.022
10/30/96	11:46:01	44.893	22.414	18.711	136.00656	15.99984	8.500495	12.997	-0.011	-0.022
10/30/96	11:47:01	45.24	22.403	18.711	137.00592	16.9992	8.059551	12.65	0	-0.022
10/30/96	11:48:01	45.565	22.414	18.711	138.00672	18	7.66704	12.325	-0.011	-0.022
10/30/96	11:49:01	45.868	22.414	18.711	139.00608	18.99936	7.3163559	12.022	-0.011	-0.022
10/30/96	11:50:01	46.171	22.414	18.7	140.00688	20.00016	7.000288	11.719	-0.011	-0.011
10/30/96	11:51:01	46.409	22.414	18.711	141.00624	20.99952	6.7147363	11.481	-0.011	-0.022
10/30/96	11:52:01	46.669	22.425	18.711	142.0056	21.99888	6.4551286	11.221	-0.022	-0.022
10/30/96	11:53:01	46.929	22.425	18.711	143.0064	22.99968	6.2177561	10.961	-0.022	-0.022
10/30/96	11:54:01	47.146	22.414	18.7	144.00576	23.99904	6.00048	10.744	-0.011	-0.011
10/30/96	11:55:01	47.362	22.414	18.711	145.00656	24.99984	5.8002995	10.528	-0.011	-0.022
10/30/96	11:56:01	47.557	22.414	18.711	146.00592	25.9992	5.6157851	10.333	-0.011	-0.022
10/30/96	11:57:01	47.752	22.414	18.711	147.00672	27	5.4446933	10.138	-0.011	-0.022
10/30/96	11:58:01	47.947	22.414	18.7	148.00608	27.99936	5.2860523	9.943	-0.011	-0.011
10/30/96	11:59:01	48.142	22.414	18.711	149.00688	29.00016	5.1381399	9.748	-0.011	-0.022
10/30/96	12:00:01	48.315	22.414	18.711	150.00624	29.99952	5.000288	9.575	-0.011	-0.022
10/30/96	12:01:01	48.488	22.414	18.711	151.0056	30.99888	4.8713244	9.402	-0.011	-0.022
10/30/96	12:02:01	48.64	22.414	18.711	152.0064	31.99968	4.7502475	9.25	-0.011	-0.022
10/30/96	12:03:01	48.792	22.425	18.711	153.00576	32.99904	4.6366731	9.098	-0.022	-0.022
10/30/96	12:04:01	48.965	22.425	18.711	154.00656	33.99984	4.529626	8.925	-0.022	-0.022
10/30/96	12:05:01	49.095	22.425	18.711	155.00592	34.9992	4.4288418	8.795	-0.022	-0.022
10/30/96	12:06:01	49.268	22.414	18.711	156.00672	36	4.33352	8.622	-0.011	-0.022
10/30/96	12:07:01	49.398	22.414	18.711	157.00608	36.99936	4.243481	8.492	-0.011	-0.022
10/30/96	12:08:01	49.528	22.425	18.711	158.00688	38.00016	4.1580583	8.362	-0.022	-0.022
10/30/96	12:09:01	49.679	22.425	18.711	159.00624	38.99952	4.0771333	8.211	-0.022	-0.022
10/30/96	12:10:01	49.809	22.414	18.711	160.0056	39.99888	4.000252	8.081	-0.011	-0.022
10/30/96	12:11:01	49.939	22.414	18.711	161.0064	40.99968	3.927016	7.951	-0.011	-0.022
10/30/96	12:12:01	50.069	22.414	18.711	162.00576	41.99904	3.8573682	7.821	-0.011	-0.022
10/30/96	12:13:01	50.156	22.414	18.711	163.00656	42.99984	3.7908643	7.734	-0.011	-0.022
10/30/96	12:14:01	50.307	22.414	18.711	164.00592	43.9992	3.727475	7.583	-0.011	-0.022
10/30/96	12:15:01	50.416	22.425	18.722	165.00672	45	3.666816	7.474	-0.022	-0.033
10/30/96	12:16:01	50.481	22.425	18.711	166.00608	45.99936	3.608878	7.409	-0.022	-0.022
10/30/96	12:17:01	50.611	22.414	18.711	167.00688	47.00016	3.5533258	7.279	-0.011	-0.022
10/30/96	12:18:01	50.719	22.414	18.711	168.00624	47.99952	3.500165	7.171	-0.011	-0.022
10/30/96	12:19:01	50.806	22.403	18.711	169.0056	48.99888	3.4491727	7.084	0	-0.022
10/30/96	12:20:01	50.914	22.414	18.711	170.0064	49.99968	3.4001498	6.976	-0.011	-0.022
10/30/96	12:21:01	51.022	22.425	18.711	171.00576	50.99904	3.3531172	6.868	-0.022	-0.022
10/30/96	12:22:01	51.13	22.414	18.711	172.00656	51.99984	3.3078286	6.76	-0.011	-0.022
10/30/96	12:23:01	51.26	22.425	18.711	173.00592	52.9992	3.2643119	6.63	-0.022	-0.022

Date	Time	Analog#01 MW6L-30psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	l/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/30/96	12:24:01	51.347	22.414	18.711	174.00672	54	3.2223467	6.543	-0.011	-0.022
10/30/96	12:25:01	51.434	22.414	18.711	175.00608	54.99936	3.1819658	6.456	-0.011	-0.022
10/30/96	12:26:01	51.52	22.414	18.711	176.00688	56.00016	3.142971	6.37	-0.011	-0.022
10/30/96	12:27:01	51.607	22.414	18.7	177.00624	56.99952	3.1053988	6.283	-0.011	-0.011
10/30/96	12:28:01	51.715	22.425	18.7	178.0056	57.99888	3.0691213	6.175	-0.022	-0.011
10/30/96	12:29:01	51.802	22.425	18.711	179.0064	58.99968	3.0340232	6.088	-0.022	-0.022
10/30/96	12:30:01	51.867	22.414	18.711	180.00576	59.99904	3.000144	6.023	-0.011	-0.022
10/30/96	12:31:01	51.975	22.414	18.711	181.00656	60.99984	2.9673284	5.915	-0.011	-0.022
10/30/96	12:32:01	52.04	22.425	18.711	182.00592	61.9992	2.9356172	5.85	-0.022	-0.022
10/30/96	12:33:01	52.127	22.425	18.711	183.00672	63	2.9048686	5.763	-0.022	-0.022
10/30/96	12:34:01	52.213	22.425	18.722	184.00608	63.99936	2.8751238	5.677	-0.022	-0.033
10/30/96	12:35:01	52.278	22.425	18.711	185.00688	65.00016	2.8462527	5.612	-0.022	-0.022
10/30/96	12:36:01	52.365	22.425	18.722	186.00624	65.99952	2.8182969	5.525	-0.022	-0.033
10/30/96	12:37:01	52.451	22.414	18.722	187.0056	66.99888	2.791175	5.439	-0.011	-0.033
10/30/96	12:38:01	52.516	22.425	18.711	188.0064	67.99968	2.764813	5.374	-0.022	-0.022
10/30/96	12:39:01	52.603	22.425	18.711	189.00576	68.99904	2.739252	5.287	-0.022	-0.022
10/30/96	12:40:01	52.668	22.425	18.711	190.00656	69.99984	2.7143856	5.222	-0.022	-0.022
10/30/96	12:41:01	52.711	22.425	18.711	191.00592	70.9992	2.6902545	5.179	-0.022	-0.022
10/30/96	12:42:01	52.798	22.425	18.711	192.00672	72	2.66676	5.092	-0.022	-0.022
10/30/96	12:43:01	52.863	22.425	18.722	193.00608	72.99936	2.6439421	5.027	-0.022	-0.033
10/30/96	12:44:01	52.906	22.425	18.722	194.00688	74.00016	2.6217089	4.984	-0.022	-0.033
10/30/96	12:45:01	52.971	22.436	18.722	195.00624	74.99952	2.6000998	4.919	-0.033	-0.033
10/30/96	12:46:01	53.036	22.436	18.711	196.0056	75.99888	2.5790591	4.854	-0.033	-0.022
10/30/96	12:47:01	53.123	22.425	18.722	197.0064	76.99968	2.5585353	4.767	-0.022	-0.033
10/30/96	12:48:01	53.166	22.425	18.722	198.00576	77.99904	2.5385666	4.724	-0.022	-0.033
10/30/96	12:49:01	53.231	22.425	18.722	199.00656	78.99984	2.5190755	4.659	-0.022	-0.033
10/30/96	12:50:01	53.274	22.425	18.711	200.00592	79.9992	2.500099	4.616	-0.022	-0.022
10/30/96	12:51:01	53.339	22.425	18.722	201.00672	81	2.4815644	4.551	-0.022	-0.033
10/30/96	12:52:01	53.383	22.425	18.711	202.00608	81.99936	2.463508	4.507	-0.022	-0.022
10/30/96	12:53:01	53.448	22.436	18.711	203.00688	83.00016	2.4458613	4.442	-0.033	-0.022
10/30/96	12:54:01	53.513	22.436	18.711	204.00624	83.99952	2.4286596	4.377	-0.033	-0.022
10/30/96	12:55:01	53.556	22.436	18.711	205.0056	84.99888	2.4118624	4.334	-0.033	-0.022
10/30/96	12:56:01	53.599	22.436	18.711	206.0064	85.99968	2.3954322	4.291	-0.033	-0.022
10/30/96	12:57:01	53.664	22.425	18.711	207.00576	86.99904	2.3794028	4.226	-0.022	-0.022
10/30/96	12:58:01	53.708	22.425	18.722	208.00656	87.99984	2.3637152	4.182	-0.022	-0.033
10/30/96	12:59:01	53.751	22.436	18.711	209.00592	88.9992	2.3484022	4.139	-0.033	-0.022
10/30/96	13:00:01	53.816	22.436	18.711	210.00672	90	2.333408	4.074	-0.033	-0.022
10/30/96	13:01:01	53.859	22.425	18.722	211.00608	90.99936	2.3187644	4.031	-0.022	-0.033
10/30/96	13:02:01	53.902	22.436	18.722	212.00688	92.00016	2.3044186	3.988	-0.033	-0.033
10/30/96	13:03:01	53.946	22.425	18.722	213.00624	92.99952	2.2904015	3.944	-0.022	-0.033
10/30/96	13:04:01	54.011	22.425	18.722	214.0056	93.99888	2.2766824	3.879	-0.022	-0.033
10/30/96	13:05:01	54.032	22.436	18.722	215.0064	94.99968	2.2632329	3.858	-0.033	-0.033
10/30/96	13:06:01	54.076	22.425	18.722	216.00576	95.99904	2.2500825	3.814	-0.022	-0.033

Date	Time	Analog#01 MW6L-30psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	I/I'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/30/96	13:07:01	54.097	22.436	18.722	217.00656	96.99984	2.2371847	3.793	-0.033	-0.033
10/30/96	13:08:01	54.184	22.425	18.711	218.00592	97.9992	2.2245684	3.706	-0.022	-0.022
10/30/96	13:09:01	54.184	22.425	18.722	219.00672	99	2.2121891	3.706	-0.022	-0.033
10/30/96	13:10:01	54.249	22.436	18.722	220.00608	99.99936	2.2000749	3.641	-0.033	-0.033
10/30/96	13:11:01	54.271	22.436	18.722	221.00688	101.00016	2.1881835	3.619	-0.033	-0.033
10/30/96	13:12:01	54.336	22.425	18.722	222.00624	101.99952	2.176542	3.554	-0.022	-0.033
10/30/96	13:13:01	54.357	22.436	18.722	223.0056	102.99888	2.1651265	3.533	-0.033	-0.033
10/30/96	13:14:01	54.379	22.425	18.711	224.0064	103.99968	2.1539143	3.511	-0.022	-0.022
10/30/96	13:15:01	54.422	22.436	18.733	225.00576	104.99904	2.1429316	3.468	-0.033	-0.044
10/30/96	13:16:01	54.465	22.436	18.733	226.00656	105.99984	2.1321406	3.425	-0.033	-0.044
10/30/96	13:17:01	54.509	22.436	18.722	227.00592	106.9992	2.1215665	3.381	-0.033	-0.033
10/30/96	13:18:01	54.552	22.425	18.733	228.00672	108	2.1111733	3.338	-0.022	-0.044
10/30/96	13:19:01	54.552	22.436	18.733	229.00608	108.99936	2.1009855	3.338	-0.033	-0.044
10/30/96	13:20:01	54.617	22.425	18.733	230.00688	110.00016	2.0909686	3.273	-0.022	-0.044
10/30/96	13:21:01	54.66	22.425	18.711	231.00624	110.99952	2.0811463	3.23	-0.022	-0.022
10/30/96	13:22:01	54.682	22.436	18.722	232.0056	111.99888	2.0714993	3.208	-0.033	-0.033
10/30/96	13:23:01	54.725	22.436	18.722	233.0064	112.99968	2.0620094	3.165	-0.033	-0.033
10/30/96	13:24:01	54.747	22.436	18.722	234.00576	113.99904	2.0526994	3.143	-0.033	-0.033
10/30/96	13:25:01	54.769	22.436	18.722	235.00656	114.99984	2.0435381	3.121	-0.033	-0.033
10/30/96	13:26:01	54.79	22.436	18.733	236.00592	115.9992	2.0345478	3.1	-0.033	-0.044
10/30/96	13:27:01	54.834	22.436	18.722	237.00672	117	2.0256985	3.056	-0.033	-0.033
10/30/96	13:28:01	54.877	22.436	18.711	238.00608	117.99936	2.0170116	3.013	-0.033	-0.022
10/30/96	13:29:01	54.899	22.425	18.722	239.00688	119.00016	2.0084585	2.991	-0.022	-0.033
10/30/96	13:30:01	54.92	22.436	18.711	240.00624	119.99952	2.00006	2.97	-0.033	-0.022
10/30/96	13:31:01	54.942	22.436	18.733	241.0056	120.99888	1.9918003	2.948	-0.033	-0.044
10/30/96	13:32:01	54.985	22.436	18.722	242.0064	121.99968	1.9836642	2.905	-0.033	-0.033
10/30/96	13:33:01	55.007	22.436	18.722	243.00576	122.99904	1.975672	2.883	-0.033	-0.033
10/30/96	13:34:01	55.029	22.447	18.733	244.00656	123.99984	1.9677974	2.861	-0.044	-0.044
10/30/96	13:35:01	55.05	22.447	18.722	245.00592	124.9992	1.9600599	2.84	-0.044	-0.033
10/30/96	13:36:01	55.094	22.436	18.722	246.00672	126	1.9524343	2.796	-0.033	-0.033
10/30/96	13:37:01	55.115	22.436	18.722	247.00608	126.99936	1.9449396	2.775	-0.033	-0.033
10/30/96	13:38:01	55.137	22.436	18.722	248.00688	128.00016	1.9375513	2.753	-0.033	-0.033
10/30/96	13:39:01	55.18	22.436	18.733	249.00624	128.99952	1.9302881	2.71	-0.033	-0.044
10/30/96	13:40:01	55.202	22.436	18.733	250.0056	129.99888	1.9231366	2.688	-0.033	-0.044
10/30/96	13:41:01	55.223	22.447	18.722	251.0064	130.99968	1.9160841	2.667	-0.044	-0.033
10/30/96	13:42:01	55.267	22.436	18.722	252.00576	131.99904	1.9091484	2.623	-0.033	-0.033
10/30/96	13:43:01	55.267	22.436	18.743	253.00656	132.99984	1.9023073	2.623	-0.033	-0.054
10/30/96	13:44:01	55.288	22.436	18.722	254.00592	133.9992	1.8955779	2.602	-0.033	-0.033
10/30/96	13:45:01	55.31	22.436	18.722	255.00672	135	1.8889387	2.58	-0.033	-0.033
10/30/96	13:46:01	55.375	22.436	18.722	256.00608	135.99936	1.8824065	2.515	-0.033	-0.033
10/30/96	13:47:01	55.397	22.436	18.722	257.00688	137.00016	1.8759604	2.493	-0.033	-0.033
10/30/96	13:48:01	55.418	22.436	18.722	258.00624	137.99952	1.8696169	2.472	-0.033	-0.033
10/30/96	13:49:01	55.418	22.447	18.722	259.0056	138.99888	1.8633647	2.472	-0.044	-0.033

Date	Time	Analog#01 MW6L-30psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/30/96	13:50:01	55.462	22.447	18.722	260.0064	139.99968	1.8571928	2.428	-0.044	-0.033
10/30/96	13:51:01	55.462	22.447	18.722	261.00576	140.99904	1.8511173	2.428	-0.044	-0.033
10/30/96	13:52:01	55.483	22.436	18.722	262.00656	141.99984	1.8451187	2.407	-0.033	-0.033
10/30/96	13:53:01	55.505	22.447	18.722	263.00592	142.9992	1.8392125	2.385	-0.044	-0.033
10/30/96	13:54:01	55.527	22.436	18.733	264.00672	144	1.83338	2.363	-0.033	-0.044
10/30/96	13:55:01	55.548	22.447	18.733	265.00608	144.99936	1.8276362	2.342	-0.044	-0.044
10/30/96	13:56:01	55.548	22.436	18.722	266.00688	146.00016	1.8219629	2.342	-0.033	-0.033
10/30/96	13:57:01	55.592	22.447	18.722	267.00624	146.99952	1.8163749	2.298	-0.044	-0.033
10/30/96	13:58:01	55.613	22.436	18.722	268.0056	147.99888	1.8108624	2.277	-0.033	-0.033
10/30/96	13:59:01	55.635	22.436	18.722	269.0064	148.99968	1.805416	2.255	-0.033	-0.033
10/30/96	14:00:01	55.657	22.436	18.722	270.00576	149.99904	1.8000499	2.233	-0.033	-0.033
10/30/96	14:01:01	55.657	22.447	18.722	271.00656	150.99984	1.7947473	2.233	-0.044	-0.033
10/30/96	14:02:01	55.7	22.447	18.711	272.00592	151.9992	1.7895221	2.19	-0.044	-0.022
10/30/96	14:03:01	55.7	22.436	18.722	273.00672	153	1.7843576	2.19	-0.033	-0.033
10/30/96	14:04:01	55.743	22.447	18.722	274.00608	153.99936	1.7792677	2.147	-0.044	-0.033
10/30/96	14:05:01	55.743	22.436	18.711	275.00688	155.00016	1.7742361	2.147	-0.033	-0.022
10/30/96	14:06:01	55.765	22.436	18.722	276.00624	155.99952	1.7692762	2.125	-0.033	-0.033
10/30/96	14:07:01	55.787	22.447	18.733	277.0056	156.99888	1.7643795	2.103	-0.044	-0.044
10/30/96	14:08:01	55.787	22.447	18.722	278.0064	157.99968	1.7595377	2.103	-0.044	-0.033
10/30/96	14:09:01	55.808	22.447	18.733	279.00576	158.99904	1.7547638	2.082	-0.044	-0.044
10/30/96	14:10:01	55.83	22.436	18.722	280.00656	159.99984	1.7500428	2.06	-0.033	-0.033
10/30/96	14:11:01	55.851	22.447	18.722	281.00592	160.9992	1.7453871	2.039	-0.044	-0.033
10/30/96	14:12:01	55.873	22.447	18.722	282.00672	162	1.7407822	2.017	-0.044	-0.033
10/30/96	14:13:01	55.895	22.447	18.733	283.00608	162.99936	1.7362404	1.995	-0.044	-0.044
10/30/96	14:14:01	55.916	22.447	18.722	284.00688	164.00016	1.7317476	1.974	-0.044	-0.033
10/30/96	14:15:01	55.938	22.447	18.722	285.00624	164.99952	1.7273156	1.952	-0.044	-0.033
10/30/96	14:16:01	55.938	22.447	18.722	286.0056	165.99888	1.7229369	1.952	-0.044	-0.033
10/30/96	14:17:01	55.96	22.447	18.722	287.0064	166.99968	1.7186045	1.93	-0.044	-0.033
10/30/96	14:18:01	55.981	22.447	18.711	288.00576	167.99904	1.7143298	1.909	-0.044	-0.022
10/30/96	14:19:01	55.981	22.447	18.722	289.00656	168.99984	1.7100996	1.909	-0.044	-0.033
10/30/96	14:20:01	56.003	22.447	18.711	290.00592	169.9992	1.7059252	1.887	-0.044	-0.022
10/30/96	14:21:01	56.003	22.436	18.722	291.00672	171	1.7017937	1.887	-0.033	-0.033
10/30/96	14:22:01	56.046	22.447	18.722	292.00608	171.99936	1.6977161	1.844	-0.044	-0.033
10/30/96	14:23:01	56.046	22.447	18.722	293.00688	173.00016	1.6936798	1.844	-0.044	-0.033
10/30/96	14:24:01	56.046	22.447	18.711	294.00624	173.99952	1.6896957	1.844	-0.044	-0.022
10/30/96	14:25:01	56.068	22.436	18.722	295.0056	174.99888	1.6857571	1.822	-0.033	-0.033
10/30/96	14:26:01	56.068	22.447	18.733	296.0064	175.99968	1.6818576	1.822	-0.044	-0.044
10/30/96	14:27:01	56.111	22.447	18.722	297.00576	176.99904	1.6780077	1.779	-0.044	-0.033
10/30/96	14:28:01	56.111	22.436	18.733	298.00656	177.99984	1.6741957	1.779	-0.033	-0.044
10/30/96	14:29:01	56.111	22.436	18.722	299.00592	178.9992	1.6704316	1.779	-0.033	-0.033
10/30/96	14:30:01	56.133	22.447	18.722	300.00672	180	1.666704	1.757	-0.044	-0.033
10/30/96	14:31:01	56.155	22.447	18.722	301.00608	180.99936	1.6630229	1.735	-0.044	-0.033
10/30/96	14:32:01	56.176	22.436	18.711	302.00688	182.00016	1.659377	1.714	-0.033	-0.022

Date	Time	Analog#01 MW6L-30psi. ft.....	Analog#02 MW6M-15psi. ft.....	Analog#03 MW6S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW6L Drawdown (s or s') (feet)	MW6M Drawdown (s or s') (feet)	MW6S Drawdown (s or s') (feet)
10/30/96	14:33:01	56.198	22.447	18.722	303.00624	182.99952	1.6557761	1.692	-0.044	-0.033
10/30/96	14:34:01	56.198	22.447	18.733	304.0056	183.99888	1.6522144	1.692	-0.044	-0.044
10/30/96	14:35:01	56.198	22.447	18.722	305.0064	184.99968	1.6486861	1.692	-0.044	-0.033
10/30/96	14:36:01	56.241	22.447	18.722	306.00576	185.99904	1.6452007	1.649	-0.044	-0.033
10/30/96	14:37:01	56.241	22.425	18.722	307.00656	186.99984	1.6417477	1.649	-0.022	-0.033
10/30/96	14:38:01	56.263	22.458	18.722	308.00592	187.9992	1.6383363	1.627	-0.055	-0.033
10/30/96	14:39:01	56.263	22.447	18.722	309.00672	189	1.6349562	1.627	-0.044	-0.033
10/30/96	14:40:01	56.285	22.447	18.733	310.00608	189.99936	1.6316164	1.605	-0.044	-0.044
10/30/96	14:41:01	56.285	22.447	18.733	311.00688	191.00016	1.6283069	1.605	-0.044	-0.044
10/30/96	14:42:01	56.306	22.436	18.722	312.00624	191.99952	1.6250366	1.584	-0.033	-0.033
10/30/96	14:43:01	56.328	22.447	18.733	313.0056	192.99888	1.6218001	1.562	-0.044	-0.044
10/30/96	14:44:01	56.328	22.447	18.722	314.0064	193.99968	1.6185924	1.562	-0.044	-0.033
10/30/96	14:45:01	56.328	22.436	18.711	315.00576	194.99904	1.6154221	1.562	-0.033	-0.022
10/30/96	14:46:01	56.35	22.447	18.733	316.00656	195.99984	1.6122797	1.54	-0.044	-0.044
10/30/96	14:47:01	56.35	22.458	18.722	317.00592	196.9992	1.6091736	1.54	-0.055	-0.033
10/30/96	14:48:01	56.35	22.447	18.722	318.00672	198	1.6060945	1.54	-0.044	-0.033
10/30/96	14:49:01	56.371	22.447	18.733	319.00608	198.99936	1.6030508	1.519	-0.044	-0.044
10/30/96	14:50:01	56.371	22.447	18.722	320.00688	200.00016	1.6000331	1.519	-0.044	-0.033
10/30/96	14:51:01	56.393	22.458	18.722	321.00624	200.99952	1.5970498	1.497	-0.055	-0.033
10/30/96	14:52:01	56.415	22.447	18.733	322.0056	201.99888	1.594096	1.475	-0.044	-0.044
10/30/96	14:53:01	56.415	22.447	18.733	323.0064	202.99968	1.591167	1.475	-0.044	-0.044
10/30/96	14:54:01	56.415	22.436	18.733	324.00576	203.99904	1.588271	1.475	-0.033	-0.044
10/30/96	14:55:01	56.436	22.447	18.722	325.00656	204.99984	1.5853991	1.454	-0.044	-0.033
10/30/96	14:56:01	56.458	22.447	18.733	326.00592	205.9992	1.5825592	1.432	-0.044	-0.044
10/30/96	14:57:01	56.458	22.447	18.733	327.00672	207	1.5797426	1.432	-0.044	-0.044
10/30/96	14:58:01	56.458	22.447	18.722	328.00608	207.99936	1.5769572	1.432	-0.044	-0.033
10/30/96	14:59:01	56.458	22.447	18.733	329.00688	209.00016	1.5741944	1.432	-0.044	-0.044
10/30/96	15:00:01	56.48	22.458	18.722	330.00624	209.99952	1.5714619	1.41	-0.055	-0.033

Aqtesolv Input Data

MW6L Drawdown-MW6L Constant Rate Test

pwrate

0.2

radius

0.17

tsdata

0	0 1
0.99936	9.272 1
2.00016	9.51 1
2.99952	10.311 1
4.00032	11.286 1
4.99968	12.802 1
5.99904	14.079 1
6.99984	15.032 1
7.9992	16.028 1
9	17.025 1
10.00656	17.869 1
11.00592	18.367 1
12.00672	19.169 1
13.00608	19.84 1
14.00688	20.533 1
15.00624	20.966 1
16.0056	21.616 1
17.0064	22.006 1
18.00576	22.482 1
19.00656	22.85 1
20.00592	23.262 1
21.00672	23.673 1
22.00608	23.998 1
23.00688	24.301 1
24.00624	24.669 1
25.0056	24.843 1
26.0064	25.189 1
27.00576	25.536 1
28.00656	25.817 1
29.00592	25.925 1
30.00672	26.294 1
31.00608	26.445 1
32.00688	26.662 1
33.00624	26.878 1
34.0056	27.116 1
35.0064	27.225 1
36.00576	27.376 1
37.00656	27.593 1
38.00592	27.723 1
39.00672	27.939 1
40.00608	28.156 1
41.00688	28.221 1
42.00624	28.351 1
43.0056	28.546 1
44.0064	28.697 1
45.00576	28.741 1
46.00656	28.892 1
47.00592	28.914 1
48.00672	29.109 1
49.00608	29.195 1
50.00688	29.239 1
51.00624	29.369 1
52.0056	29.455 1
53.0064	29.542 1
54.00576	29.694 1
55.00656	29.672 1
56.00592	29.823 1
57.00672	29.975 1
58.00608	29.997 1
59.00688	29.997 1
60.00624	30.148 1
61.0056	30.148 1
62.0064	30.213 1
63.00576	30.3 1
64.00656	30.257 1
65.00592	30.365 1
66.00672	30.473 1
67.00608	30.408 1

MW6L Constant Rate Data Cont'

68.00688	30.452	1
69.00624	30.581	1
70.0056	30.69	1
71.0064	30.668	1
72.00576	30.755	1
73.00656	30.776	1
74.00592	30.733	1
75.00672	30.906	1
76.00608	30.95	1
77.00688	30.928	1
78.00624	30.928	1
79.0056	31.166	1
80.0064	31.036	1
81.00576	31.145	1
82.00656	31.274	1
83.00592	31.231	1
84.00672	31.274	1
85.00608	31.426	1
86.00688	31.339	1
87.00624	31.361	1
88.0056	31.513	1
89.0064	31.469	1
90.00576	31.556	1
91.00656	31.556	1
92.00592	31.643	1
93.00672	31.621	1
94.00608	31.621	1
95.00688	31.621	1
96.00624	31.686	1
97.0056	31.708	1
98.0064	31.664	1
99.00576	31.773	1
100.00656	31.816	1
101.00592	31.902	1
102.00672	31.838	1
103.00608	32.054	1
104.00688	31.989	1
105.00624	32.141	1
106.0056	32.184	1
107.0064	32.271	1
108.00576	32.314	1
109.00656	32.444	1
110.00592	32.292	1
111.00672	32.466	1
112.00608	32.509	1
113.00688	32.379	1
114.00624	32.509	1
115.0056	32.617	1
116.0064	32.639	1
117.00576	32.639	1
118.00656	32.639	1
119.00592	32.704	1
120.00672	32.746	1

Aqtesolv Input Data

MW6L Recovery-MW6L Constant Rate Test

pwrate

0.2

trecov

120

tsdata

0	32.746	1
0.99936	24.453	1
2.00016	21.378	1
2.99952	20.533	1
3.99888	19.71	1
4.99968	18.909	1
5.99904	18.151	1
6.99984	17.458	1
7.9992	16.808	1
9	16.202	1
9.99936	15.617	1
11.00016	15.097	1
11.99952	14.599	1
12.99888	14.144	1
13.99968	13.733	1
14.99904	13.343	1
15.99984	12.997	1
16.9992	12.65	1
18	12.325	1
18.99936	12.022	1
20.00016	11.719	1
20.99952	11.481	1
21.99888	11.221	1
22.99968	10.961	1
23.99904	10.744	1
24.99984	10.528	1
25.9992	10.333	1
27	10.138	1
27.99936	9.943	1
29.00016	9.748	1
29.99952	9.575	1
30.99888	9.402	1
31.99968	9.25	1
32.99904	9.098	1
33.99984	8.925	1
34.9992	8.795	1
36	8.622	1
36.99936	8.492	1
38.00016	8.362	1
38.99952	8.211	1
39.99888	8.081	1
40.99968	7.951	1
41.99904	7.821	1
42.99984	7.734	1
43.9992	7.583	1
45	7.474	1
45.99936	7.409	1
47.00016	7.279	1
47.99952	7.171	1
48.99888	7.084	1
49.99968	6.976	1
50.99904	6.868	1
51.99984	6.76	1
52.9992	6.63	1
54	6.543	1
54.99936	6.456	1
56.00016	6.37	1
56.99952	6.283	1
57.99888	6.175	1
58.99968	6.088	1
59.99904	6.023	1
60.99984	5.915	1
61.9992	5.85	1
63	5.763	1
63.99936	5.677	1
65.00016	5.612	1
65.99952	5.525	1
66.99888	5.439	1

MW6L Recovery Data Cont'

67.99968	5.374	1
68.99904	5.287	1
69.99984	5.222	1
70.9992	5.179	1
72	5.092	1
72.99936	5.027	1
74.00016	4.984	1
74.99952	4.919	1
75.99888	4.854	1
76.99968	4.767	1
77.99904	4.724	1
78.99984	4.659	1
79.9992	4.616	1
81	4.551	1
81.99936	4.507	1
83.00016	4.442	1
83.99952	4.377	1
84.99888	4.334	1
85.99968	4.291	1
86.99904	4.226	1
87.99984	4.182	1
88.9992	4.139	1
90	4.074	1
90.99936	4.031	1
92.00016	3.988	1
92.99952	3.944	1
93.99888	3.879	1
94.99968	3.858	1
95.99904	3.814	1
96.99984	3.793	1
97.9992	3.706	1
99	3.706	1
99.99936	3.641	1
101.00016	3.619	1
101.99952	3.554	1
102.99888	3.533	1
103.99968	3.511	1
104.99904	3.468	1
105.99984	3.425	1
106.9992	3.381	1
108	3.338	1
108.99936	3.338	1
110.00016	3.273	1
110.99952	3.23	1
111.99888	3.208	1
112.99968	3.165	1
113.99904	3.143	1
114.99984	3.121	1
115.9992	3.1	1
117	3.056	1
117.99936	3.013	1
119.00016	2.991	1
119.99952	2.97	1
120.99888	2.948	1
121.99968	2.905	1
122.99904	2.883	1
123.99984	2.861	1
124.9992	2.84	1
126	2.796	1
126.99936	2.775	1
128.00016	2.753	1
128.99952	2.71	1
129.99888	2.688	1
130.99968	2.667	1
131.99904	2.623	1
132.99984	2.623	1
133.9992	2.602	1
135	2.58	1
135.99936	2.515	1
137.00016	2.493	1
137.99952	2.472	1
138.99888	2.472	1
139.99968	2.428	1
140.99904	2.428	1
141.99984	2.407	1

MW6L Recovery Data Cont'

142.9992	2.385	1
144	2.363	1
144.99936	2.342	1
146.00016	2.342	1
146.99952	2.298	1
147.99888	2.277	1
148.99968	2.255	1
149.99904	2.233	1
150.99984	2.233	1
151.9992	2.19	1
153	2.19	1
153.99936	2.147	1
155.00016	2.147	1
155.99952	2.125	1
156.99888	2.103	1
157.99968	2.103	1
158.99904	2.082	1
159.99984	2.06	1
160.9992	2.039	1
162	2.017	1
162.99936	1.995	1
164.00016	1.974	1
164.99952	1.952	1
165.99888	1.952	1
166.99968	1.93	1
167.99904	1.909	1
168.99984	1.909	1
169.9992	1.887	1
171	1.887	1
171.99936	1.844	1
173.00016	1.844	1
173.99952	1.844	1
174.99888	1.822	1
175.99968	1.822	1
176.99904	1.779	1
177.99984	1.779	1
178.9992	1.779	1
180	1.757	1
180.99936	1.735	1
182.00016	1.714	1
182.99952	1.692	1
183.99888	1.692	1
184.99968	1.692	1
185.99904	1.649	1
186.99984	1.649	1
187.9992	1.627	1
189	1.627	1
189.99936	1.605	1
191.00016	1.605	1
191.99952	1.584	1
192.99888	1.562	1
193.99968	1.562	1
194.99904	1.562	1
195.99984	1.54	1
196.9992	1.54	1
198	1.54	1
198.99936	1.519	1
200.00016	1.519	1
200.99952	1.497	1
201.99888	1.475	1
202.99968	1.475	1
203.99904	1.475	1
204.99984	1.454	1
205.9992	1.432	1
207	1.432	1
207.99936	1.432	1
209.00016	1.432	1
209.99952	1.41	1

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
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Terra8 Data Collection Report

Firmware Version 4.2/91
 Number of Bytes In Data Dump 1999
 User Supplied Comment MW7S-AQTEST
 Time Header Block Loaded 1996/11/02 12:40:01.30
 Time Data File Dumped 1996/11/02 18:49:59.70
 Remaining Memory 63537
 Number of Logs 231
 Type of Data Memory Memory Board
 Logs/Timestamp 10
 Power was OK During Data Collection Period

Terra8 Channel Setup

Number of ANALOG Channels = 3

Ch#	Description	Units	Delay	M	B
1	MW7L-30psi.....	ft.....	100	1.7325E+0001	-1.7325E+0001
2	MW7M-15psi.....	ft.....	100	8.6625E+0000	-8.6625E+0000
3	MW7S-15psi.....	ft.....	100	8.6625E+0000	-8.6625E+0000

Number of DIGITAL Channels = 0

Ch#	Description	Units	Delay	M	B
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Date Saturday November 2, 1996 8:38 PM

PlotFile C:\TERRA3\7SCONS01.PRN

DataFile C:\TERRA3\7SCONS.HEX

MW7S-AQTEST

Time of First Log in Specified Window

4 -1

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	Formulas MW7L Drawdown (s or s') (feet)	Formulas MW7M Drawdown (s or s') (feet)	Formulas MW7S Drawdown (s or s') (feet)
11/02/96	12:40:01	22.739	22.382	13.232	0			0	0	0
11/02/96	12:41:01	22.739	22.068	10.287	1.0008			0	0.314	2.945

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/02/96	12:42:01	22.739	22.815	11.586	2.00016			0	-0.433	1.646
11/02/96	12:43:01	22.739	22.782	11.824	3.00096			0	-0.4	1.408
11/02/96	12:44:01	22.761	22.804	11.824	4.00032			-0.022	-0.422	1.408
11/02/96	12:45:01	22.761	22.111	11.175	4.99968			-0.022	0.271	2.057
11/02/96	12:46:01	22.739	22.663	10.774	6.00048			0	-0.281	2.458
11/02/96	12:47:01	22.761	22.772	10.373	6.99984			-0.022	-0.39	2.859
11/02/96	12:48:01	22.761	22.62	9.9186	8.00064			-0.022	-0.238	3.3134
11/02/96	12:49:01	22.761	22.241	9.5829	9			-0.022	0.141	3.6491
11/02/96	12:50:01	22.739	22.295	9.1173	10.00656			0	0.087	4.1147
11/02/96	12:51:01	22.761	22.739	8.5975	11.00736			-0.022	-0.357	4.6345
11/02/96	12:52:01	22.761	22.382	8.5975	12.00672			-0.022	0	4.6345
11/02/96	12:53:01	22.761	22.772	8.6192	13.00752			-0.022	-0.39	4.6128
11/02/96	12:54:01	22.761	22.88	8.63	14.00688			-0.022	-0.498	4.602
11/02/96	12:55:01	22.761	22.858	8.2077	15.00624			-0.022	-0.476	5.0243
11/02/96	12:56:01	22.761	22.252	8.1211	16.00704			-0.022	0.13	5.1109
11/02/96	12:57:01	22.761	22.393	8.1752	17.0064			-0.022	-0.011	5.0568
11/02/96	12:58:01	22.761	22.815	8.2402	18.0072			-0.022	-0.433	4.9918
11/02/96	12:59:01	22.761	21.873	8.3485	19.00656			-0.022	0.509	4.8835
11/02/96	13:00:01	22.739	22.663	8.4135	20.00736			0	-0.281	4.8185
11/02/96	13:01:01	22.761	21.938	8.5867	21.00672			-0.022	0.444	4.6453
11/02/96	13:02:01	22.761	22.046	8.8358	22.00752			-0.022	0.336	4.3962
11/02/96	13:03:01	22.761	22.241	7.8829	23.00688			-0.022	0.141	5.3491
11/02/96	13:04:01	22.761	22.696	6.3561	24.00624			-0.022	-0.314	6.8759
11/02/96	13:05:01	22.761	22.912	6.3778	25.00704			-0.022	-0.53	6.8542
11/02/96	13:06:01	22.761	22.403	7.0058	26.0064			-0.022	-0.021	6.2262
11/02/96	13:07:01	22.761	21.97	7.3306	27.0072			-0.022	0.412	5.9014
11/02/96	13:08:01	22.761	21.905	7.5364	28.00656			-0.022	0.477	5.6956
11/02/96	13:09:01	22.761	22.826	7.6663	29.00736			-0.022	-0.444	5.5657
11/02/96	13:10:01	22.782	21.84	7.4281	30.00672			-0.043	0.542	5.8039
11/02/96	13:11:01	22.782	22.663	7.2765	31.00752			-0.043	-0.281	5.9555
11/02/96	13:12:01	22.782	21.927	7.244	32.00688			-0.043	0.455	5.988
11/02/96	13:13:01	22.761	22.652	7.2224	33.00624			-0.022	-0.27	6.0096
11/02/96	13:14:01	22.761	22.977	7.2332	34.00704			-0.022	-0.595	5.9988
11/02/96	13:15:01	22.761	22.804	7.2332	35.0064			-0.022	-0.422	5.9988
11/02/96	13:16:01	22.782	22.057	7.2007	36.0072			-0.043	0.325	6.0313
11/02/96	13:17:01	22.761	21.916	7.1574	37.00656			-0.022	0.466	6.0746
11/02/96	13:18:01	22.782	23.042	7.1466	38.00736			-0.043	-0.66	6.0854
11/02/96	13:19:01	22.761	22.631	7.1682	39.00672			-0.022	-0.249	6.0638
11/02/96	13:20:01	22.761	22.414	7.1357	40.00752			-0.022	-0.032	6.0963
11/02/96	13:21:01	22.761	23.042	7.1141	41.00688			-0.022	-0.66	6.1179
11/02/96	13:22:01	22.782	22.003	7.0924	42.00624			-0.043	0.379	6.1396
11/02/96	13:23:01	22.761	22.696	7.1033	43.00704			-0.022	-0.314	6.1287
11/02/96	13:24:01	22.761	22.349	7.0924	44.0064			-0.022	0.033	6.1396

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	1/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/02/96	13:25:01	22.782	22.533	7.0816	45.0072			-0.043	-0.151	6.1504
11/02/96	13:26:01	22.782	23.021	7.0816	46.00656			-0.043	-0.639	6.1504
11/02/96	13:27:01	22.782	22.912	7.0816	47.00736			-0.043	-0.53	6.1504
11/02/96	13:28:01	22.761	22.23	7.1033	48.00672			-0.022	0.152	6.1287
11/02/96	13:29:01	22.782	22.024	7.179	49.00752			-0.043	0.358	6.053
11/02/96	13:30:01	22.782	22.782	7.2007	50.00688			-0.043	-0.4	6.0313
11/02/96	13:31:01	22.782	22.003	7.2332	51.00624			-0.043	0.379	5.9988
11/02/96	13:32:01	22.782	22.977	7.2332	52.00704			-0.043	-0.595	5.9988
11/02/96	13:33:01	22.761	22.966	7.244	53.0064			-0.022	-0.584	5.988
11/02/96	13:34:01	22.761	22.891	7.2332	54.0072			-0.022	-0.509	5.9988
11/02/96	13:35:01	22.782	22.858	7.2007	55.00656			-0.043	-0.476	6.0313
11/02/96	13:36:01	22.782	22.555	7.2115	56.00736			-0.043	-0.173	6.0205
11/02/96	13:37:01	22.761	22.079	7.0166	57.00672			-0.022	0.303	6.2154
11/02/96	13:38:01	22.761	22.631	6.93	58.00752			-0.022	-0.249	6.302
11/02/96	13:39:01	22.782	22.241	6.8975	59.00688			-0.043	0.141	6.3345
11/02/96	13:40:01	22.761	22.1	6.8867	60.00624			-0.022	0.282	6.3453
11/02/96	13:41:01	22.782	22.49	6.8867	61.00704			-0.043	-0.108	6.3453
11/02/96	13:42:01	22.782	22.956	6.8975	62.0064			-0.043	-0.574	6.3345
11/02/96	13:43:01	22.782	22.782	6.8867	63.0072			-0.043	-0.4	6.3453
11/02/96	13:44:01	22.761	23.021	6.8759	64.00656			-0.022	-0.639	6.3561
11/02/96	13:45:01	22.782	22.977	6.8867	65.00736			-0.043	-0.595	6.3453
11/02/96	13:46:01	22.761	22.609	6.8867	66.00672			-0.022	-0.227	6.3453
11/02/96	13:47:01	22.782	22.804	6.8975	67.00752			-0.043	-0.422	6.3345
11/02/96	13:48:01	22.782	22.912	6.8759	68.00688			-0.043	-0.53	6.3561
11/02/96	13:49:01	22.782	22.512	6.8759	69.00624			-0.043	-0.13	6.3561
11/02/96	13:50:01	22.761	22.393	6.8975	70.00704			-0.022	-0.011	6.3345
11/02/96	13:51:01	22.782	23.053	6.8542	71.0064			-0.043	-0.671	6.3778
11/02/96	13:52:01	22.761	22.144	6.8434	72.0072			-0.022	0.238	6.3886
11/02/96	13:53:01	22.782	22.956	6.8542	73.00656			-0.043	-0.574	6.3778
11/02/96	13:54:01	22.782	22.544	6.8434	74.00736			-0.043	-0.162	6.3886
11/02/96	13:55:01	22.761	22.999	6.8542	75.00672			-0.022	-0.617	6.3778
11/02/96	13:56:01	22.761	22.598	6.8434	76.00752			-0.022	-0.216	6.3886
11/02/96	13:57:01	22.782	22.739	6.8542	77.00688			-0.043	-0.357	6.3778
11/02/96	13:58:01	22.761	23.01	6.8434	78.00624			-0.022	-0.628	6.3886
11/02/96	13:59:01	22.761	23.086	6.8217	79.00704			-0.022	-0.704	6.4103
11/02/96	14:00:01	22.761	22.837	6.8217	80.0064			-0.022	-0.455	6.4103
11/02/96	14:01:01	22.761	23.021	6.9083	81.0072			-0.022	-0.639	6.3237
11/02/96	14:02:01	22.782	23.172	6.9517	82.00656			-0.043	-0.79	6.2803
11/02/96	14:03:01	22.782	22.674	6.9841	83.00736			-0.043	-0.292	6.2479
11/02/96	14:04:01	22.782	22.728	6.9841	84.00672			-0.043	-0.346	6.2479
11/02/96	14:05:01	22.761	23.096	6.9625	85.00752			-0.022	-0.714	6.2695
11/02/96	14:06:01	22.782	23.161	6.995	86.00688			-0.043	-0.779	6.237
11/02/96	14:07:01	22.782	22.284	6.995	87.00624			-0.043	0.098	6.237

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/02/96	14:08:01	22.782	23.172	7.0058	88.00704			-0.043	-0.79	6.2262
11/02/96	14:09:01	22.782	22.403	6.995	89.0064			-0.043	-0.021	6.237
11/02/96	14:10:01	22.782	22.349	6.995	90.0072			-0.043	0.033	6.237
11/02/96	14:11:01	22.782	22.371	6.995	91.00656			-0.043	0.011	6.237
11/02/96	14:12:01	22.782	22.544	6.9841	92.00736			-0.043	-0.162	6.2479
11/02/96	14:13:01	22.782	23.01	7.0383	93.00672			-0.043	-0.628	6.1937
11/02/96	14:14:01	22.761	23.053	7.0599	94.00752			-0.022	-0.671	6.1721
11/02/96	14:15:01	22.782	23.248	7.0708	95.00688			-0.043	-0.866	6.1612
11/02/96	14:16:01	22.782	22.49	7.0599	96.00624			-0.043	-0.108	6.1721
11/02/96	14:17:01	22.804	22.837	7.1033	97.00704			-0.065	-0.455	6.1287
11/02/96	14:18:01	22.782	22.338	7.1141	98.0064			-0.043	0.044	6.1179
11/02/96	14:19:01	22.782	23.291	7.1141	99.0072			-0.043	-0.909	6.1179
11/02/96	14:20:01	22.761	22.847	7.1249	100.00656			-0.022	-0.465	6.1071
11/02/96	14:21:01	22.782	22.371	7.1357	101.00736			-0.043	0.011	6.0963
11/02/96	14:22:01	22.804	22.306	7.1574	102.00672			-0.065	0.076	6.0746
11/02/96	14:23:01	22.782	22.393	6.8542	103.00752			-0.043	-0.011	6.3778
11/02/96	14:24:01	22.782	23.302	6.7459	104.00688			-0.043	-0.92	6.4861
11/02/96	14:25:01	22.782	22.674	6.7026	105.00624			-0.043	-0.292	6.5294
11/02/96	14:26:01	22.782	23.172	6.681	106.00704			-0.043	-0.79	6.551
11/02/96	14:27:01	22.761	22.425	6.6593	107.0064			-0.022	-0.043	6.5727
11/02/96	14:28:01	22.782	22.901	6.681	108.0072			-0.043	-0.519	6.551
11/02/96	14:29:01	22.782	23.389	6.7351	109.00656			-0.043	-1.007	6.4969
11/02/96	14:30:01	22.782	22.869	6.8001	110.00736			-0.043	-0.487	6.4319
11/02/96	14:31:01	22.782	23.345	6.8542	111.00672			-0.043	-0.963	6.3778
11/02/96	14:32:01	22.782	22.977	6.93	112.00752			-0.043	-0.595	6.302
11/02/96	14:33:01	22.782	22.912	6.9192	113.00688			-0.043	-0.53	6.3128
11/02/96	14:34:01	22.761	22.988	6.865	114.00624			-0.022	-0.606	6.367
11/02/96	14:35:01	22.782	22.891	6.6701	115.00704			-0.043	-0.509	6.5619
11/02/96	14:36:01	22.782	22.707	6.6268	116.0064			-0.043	-0.325	6.6052
11/02/96	14:37:01	22.782	22.49	6.6918	117.0072			-0.043	-0.108	6.5402
11/02/96	14:38:01	22.782	22.49	6.7134	118.00656			-0.043	-0.108	6.5186
11/02/96	14:39:01	22.782	22.739	6.6485	119.00736			-0.043	-0.357	6.5835
11/02/96	14:40:01	22.782	22.501	6.6052	120.00672			-0.043	-0.119	6.6268
11/02/96	14:41:01	22.782	23.302	6.5943	121.00752			-0.043	-0.92	6.6377
11/02/96	14:42:01	22.782	23.335	6.5943	122.00688			-0.043	-0.953	6.6377
11/02/96	14:43:01	22.782	23.237	6.5943	123.00624			-0.043	-0.855	6.6377
11/02/96	14:44:01	22.782	22.577	6.6052	124.00704			-0.043	-0.195	6.6268
11/02/96	14:45:01	22.782	23.454	6.6268	125.0064			-0.043	-1.072	6.6052
11/02/96	14:46:01	22.804	23.205	6.6918	126.0072			-0.065	-0.823	6.5402
11/02/96	14:47:01	22.782	23.475	6.8542	127.00656			-0.043	-1.093	6.3778
11/02/96	14:48:01	22.782	22.62	6.9192	128.00736			-0.043	-0.238	6.3128
11/02/96	14:49:01	22.782	23.475	6.9733	129.00672			-0.043	-1.093	6.2587
11/02/96	14:50:01	22.782	22.609	7.0058	130.00752			-0.043	-0.227	6.2262

Date	Time	Analog#01	Analog#02	Analog#03	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L	MW7M	MW7S
		MW7L-30psi. ft.....	MW7M-15psi. ft.....	MW7S-15psi. ft.....				Drawdown (s or s') (feet)	Drawdown (s or s') (feet)	Drawdown (s or s') (feet)
11/02/96	14:51:01	22.782	22.739	6.9733	131.00688			-0.043	-0.357	6.2587
11/02/96	14:52:01	22.782	22.609	6.93	132.00624			-0.043	-0.227	6.302
11/02/96	14:53:01	22.782	22.642	6.93	133.00704			-0.043	-0.26	6.302
11/02/96	14:54:01	22.782	22.988	6.8542	134.0064			-0.043	-0.606	6.3778
11/02/96	14:55:01	22.782	22.923	6.8542	135.0072			-0.043	-0.541	6.3778
11/02/96	14:56:01	22.782	22.674	6.865	136.00656			-0.043	-0.292	6.367
11/02/96	14:57:01	22.782	23.021	6.8759	137.00736			-0.043	-0.639	6.3561
11/02/96	14:58:01	22.782	23.573	6.8867	138.00672			-0.043	-1.191	6.3453
11/02/96	14:59:01	22.782	23.086	6.8542	139.00752			-0.043	-0.704	6.3778
11/02/96	15:00:01	22.782	22.815	6.8001	140.00688			-0.043	-0.433	6.4319
11/02/96	15:01:01	22.804	22.772	6.7892	141.00624			-0.065	-0.39	6.4428
11/02/96	15:02:01	22.782	23.129	6.7676	142.00704			-0.043	-0.747	6.4644
11/02/96	15:03:01	22.782	23.4	6.7459	143.0064			-0.043	-1.018	6.4861
11/02/96	15:04:01	22.804	22.717	6.7351	144.0072			-0.065	-0.335	6.4969
11/02/96	15:05:01	22.782	22.945	6.7243	145.00656			-0.043	-0.563	6.5077
11/02/96	15:06:01	22.804	23.41	6.7134	146.00736			-0.065	-1.028	6.5186
11/02/96	15:07:01	22.761	22.707	6.7134	147.00672			-0.022	-0.325	6.5186
11/02/96	15:08:01	22.782	23.194	6.7243	148.00752			-0.043	-0.812	6.5077
11/02/96	15:09:01	22.761	23.4	6.7026	149.00688			-0.022	-1.018	6.5294
11/02/96	15:10:01	22.761	23.4	6.7134	150.00624			-0.022	-1.018	6.5186
11/02/96	15:11:01	22.782	23.389	6.7026	151.00704			-0.043	-1.007	6.5294
11/02/96	15:12:01	22.782	23.421	6.7134	152.0064			-0.043	-1.039	6.5186
11/02/96	15:13:01	22.782	23.573	6.7026	153.0072			-0.043	-1.191	6.5294
11/02/96	15:14:01	22.782	23.14	6.7026	154.00656			-0.043	-0.758	6.5294
11/02/96	15:15:01	22.761	22.901	6.7026	155.00736			-0.022	-0.519	6.5294
11/02/96	15:16:01	22.782	23.356	6.7026	156.00672			-0.043	-0.974	6.5294
11/02/96	15:17:01	22.804	23.551	6.7134	157.00752			-0.065	-1.169	6.5186
11/02/96	15:18:01	22.782	22.75	6.7134	158.00688			-0.043	-0.368	6.5186
11/02/96	15:19:01	22.804	22.761	6.7134	159.00624			-0.065	-0.379	6.5186
11/02/96	15:20:01	22.782	22.912	6.7026	160.00704			-0.043	-0.53	6.5294
11/02/96	15:21:01	22.782	22.891	6.7026	161.0064			-0.043	-0.509	6.5294
11/02/96	15:22:01	22.782	23.465	6.7026	162.0072			-0.043	-1.083	6.5294
11/02/96	15:23:01	22.782	23.096	6.6918	163.00656			-0.043	-0.714	6.5402
11/02/96	15:24:01	22.782	23.4	6.7026	164.00736			-0.043	-1.018	6.5294
11/02/96	15:25:01	22.782	23.356	6.6918	165.00672			-0.043	-0.974	6.5402
11/02/96	15:26:01	22.804	23.443	6.6918	166.00752			-0.065	-1.061	6.5402
11/02/96	15:27:01	22.782	22.847	6.7026	167.00688			-0.043	-0.465	6.5294
11/02/96	15:28:01	22.782	22.977	6.7026	168.00624			-0.043	-0.595	6.5294
11/02/96	15:29:01	22.782	23.27	6.7026	169.00704			-0.043	-0.888	6.5294
11/02/96	15:30:01	22.782	23.226	6.6918	170.0064			-0.043	-0.844	6.5402
11/02/96	15:31:01	22.804	23.627	6.7459	171.0072			-0.065	-1.245	6.4861
11/02/96	15:32:01	22.782	22.923	6.7351	172.00656			-0.043	-0.541	6.4969
11/02/96	15:33:01	22.782	23.129	6.7134	173.00736			-0.043	-0.747	6.5186

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/02/96	15:34:01	22.782	23.313	6.7134	174.00672			-0.043	-0.931	6.5186
11/02/96	15:35:01	22.804	23.27	6.7134	175.00752			-0.065	-0.888	6.5186
11/02/96	15:36:01	22.804	22.804	6.7026	176.00688			-0.065	-0.422	6.5294
11/02/96	15:37:01	22.782	23.724	6.6918	177.00624			-0.043	-1.342	6.5402
11/02/96	15:38:01	22.804	23.573	6.6918	178.00704			-0.065	-1.191	6.5402
11/02/96	15:39:01	22.782	23.356	6.6918	179.0064			-0.043	-0.974	6.5402
11/02/96	15:40:01	22.804	23.367	6.6918	180.0072	0		-0.065	-0.985	6.5402
11/02/96	15:41:01	22.782	23.356	13.286	181.00656	0.99936	181.12248	-0.043	-0.974	-0.054
11/02/96	15:42:01	22.761	23.356	12.885	182.00736	2.00016	90.9964	-0.022	-0.974	0.347
11/02/96	15:43:01	22.782	23.313	12.723	183.00672	2.99952	61.012002	-0.043	-0.931	0.509
11/02/96	15:44:01	22.782	23.389	12.701	184.00752	4.00032	45.9982	-0.043	-1.007	0.531
11/02/96	15:45:01	22.804	23.378	12.712	185.00688	4.99968	37.003744	-0.065	-0.996	0.52
11/02/96	15:46:01	22.782	23.389	12.745	186.00624	5.99904	31.006001	-0.043	-1.007	0.487
11/02/96	15:47:01	22.804	23.378	12.766	187.00704	6.99984	26.715902	-0.065	-0.996	0.466
11/02/96	15:48:01	22.804	23.367	12.799	188.0064	7.9992	23.50315	-0.065	-0.985	0.433
11/02/96	15:49:01	22.782	23.378	12.831	189.0072	9	21.0008	-0.043	-0.996	0.401
11/02/96	15:50:01	22.761	23.367	12.875	190.00656	9.99936	19.001872	-0.022	-0.985	0.357
11/02/96	15:51:01	22.782	23.378	12.896	191.00736	11.00016	17.364053	-0.043	-0.996	0.336
11/02/96	15:52:01	22.782	23.345	12.907	192.00672	11.99952	16.0012	-0.043	-0.963	0.325
11/02/96	15:53:01	22.804	23.356	12.929	193.00752	13.00032	14.846367	-0.065	-0.974	0.303
11/02/96	15:54:01	22.782	23.367	12.95	194.00688	13.99968	13.857951	-0.043	-0.985	0.282
11/02/96	15:55:01	22.804	23.389	12.961	195.00624	14.99904	13.001248	-0.065	-1.007	0.271
11/02/96	15:56:01	22.782	23.335	12.983	196.00704	15.99984	12.250563	-0.043	-0.953	0.249
11/02/96	15:57:01	22.804	23.356	12.994	197.0064	16.9992	11.589157	-0.065	-0.974	0.238
11/02/96	15:58:01	22.804	23.389	13.015	198.0072	18	11.0004	-0.065	-1.007	0.217
11/02/96	15:59:01	22.782	23.356	13.026	199.00656	18.99936	10.474382	-0.043	-0.974	0.206
11/02/96	16:00:01	22.804	23.378	13.037	200.00736	20.00016	10.000288	-0.065	-0.996	0.195
11/02/96	16:01:01	22.782	23.367	13.037	201.00672	20.99952	9.5719674	-0.043	-0.985	0.195
11/02/96	16:02:01	22.782	23.378	13.037	202.00752	22.00032	9.1820264	-0.043	-0.996	0.195
11/02/96	16:03:01	22.782	23.4	13.059	203.00688	22.99968	8.8265089	-0.043	-1.018	0.173
11/02/96	16:04:01	22.804	23.41	13.059	204.00624	23.99904	8.5006	-0.065	-1.028	0.173
11/02/96	16:05:01	22.804	23.389	13.07	205.00704	24.99984	8.2003341	-0.065	-1.007	0.162
11/02/96	16:06:01	22.782	23.4	13.07	206.0064	25.9992	7.9235669	-0.043	-1.018	0.162
11/02/96	16:07:01	22.782	23.421	13.08	207.0072	27	7.6669333	-0.043	-1.039	0.152
11/02/96	16:08:01	22.782	23.389	13.091	208.00656	27.99936	7.4289755	-0.043	-1.007	0.141
11/02/96	16:09:01	22.782	23.41	13.102	209.00736	29.00016	7.2071106	-0.043	-1.028	0.13
11/02/96	16:10:01	22.782	23.432	13.091	210.00672	29.99952	7.000336	-0.043	-1.05	0.141
11/02/96	16:11:01	22.782	23.41	13.102	211.00752	31.00032	6.8066239	-0.043	-1.028	0.13
11/02/96	16:12:01	22.782	23.475	13.113	212.00688	31.99968	6.6252813	-0.043	-1.093	0.119
11/02/96	16:13:01	22.782	23.475	13.113	213.00624	32.99904	6.4549223	-0.043	-1.093	0.119
11/02/96	16:14:01	22.782	23.475	13.113	214.00704	33.99984	6.2943543	-0.043	-1.093	0.119
11/02/96	16:15:01	22.782	23.465	13.124	215.0064	34.9992	6.1431804	-0.043	-1.083	0.108
11/02/96	16:16:01	22.782	23.421	13.124	216.0072	36	6.0002	-0.043	-1.039	0.108

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/02/96	16:17:01	22.804	23.486	13.124	217.00656	36.99936	5.8651436	-0.065	-1.104	0.108
11/02/96	16:18:01	22.761	23.475	13.135	218.00736	38.00016	5.7370116	-0.022	-1.093	0.097
11/02/96	16:19:01	22.804	23.454	13.135	219.00672	38.99952	5.615626	-0.065	-1.072	0.097
11/02/96	16:20:01	22.782	23.465	13.135	220.00752	40.00032	5.500144	-0.043	-1.083	0.097
11/02/96	16:21:01	22.782	23.475	13.145	221.00688	40.99968	5.3904538	-0.043	-1.093	0.087
11/02/96	16:22:01	22.782	23.486	13.156	222.00624	41.99904	5.2859837	-0.043	-1.104	0.076
11/02/96	16:23:01	22.782	23.519	13.145	223.00704	42.99984	5.1862295	-0.043	-1.137	0.087
11/02/96	16:24:01	22.804	23.465	13.167	224.0064	43.9992	5.0911471	-0.065	-1.083	0.065
11/02/96	16:25:01	22.782	23.486	13.156	225.0072	45	5.00016	-0.043	-1.104	0.076
11/02/96	16:26:01	22.804	23.508	13.167	226.00656	45.99936	4.9132544	-0.065	-1.126	0.065
11/02/96	16:27:01	22.804	23.486	13.167	227.00736	47.00016	4.8299274	-0.065	-1.104	0.065
11/02/96	16:28:01	22.804	23.508	13.178	228.00672	47.99952	4.7501875	-0.065	-1.126	0.054
11/02/96	16:29:01	22.804	23.53	13.178	229.00752	49.00032	4.6735923	-0.065	-1.148	0.054
11/02/96	16:30:01	22.804	23.54	13.178	230.00688	49.99968	4.600167	-0.065	-1.158	0.054

Aqtesolv Input Data

MW7S Drawdown-MW7S Constant Rate Test

pwrate

.66

radius

0.17

stthick

53.98

tsdata

0	0	1
1.0008	2.945	1
2.00016	1.646	1
3.00096	1.408	1
4.00032	1.408	1
4.99968	2.057	1
6.00048	2.458	1
6.99984	2.859	1
8.00064	3.3134	1
9	3.6491	1
10.00656	4.1147	1
11.00736	4.6345	1
12.00672	4.6345	1
13.00752	4.6128	1
14.00688	4.602	1
15.00624	5.0243	1
16.00704	5.1109	1
17.0064	5.0568	1
18.0072	4.9918	1
19.00656	4.8835	1
20.00736	4.8185	1
21.00672	4.6453	1
22.00752	4.3962	1
23.00688	5.3491	1
24.00624	6.8759	1
25.00704	6.8542	1
26.0064	6.2262	1
27.0072	5.9014	1
28.00656	5.6956	1
29.00736	5.5657	1
30.00672	5.8039	1
31.00752	5.9555	1
32.00688	5.988	1
33.00624	6.0096	1
34.00704	5.9988	1
35.0064	5.9988	1
36.0072	6.0313	1
37.00656	6.0746	1
38.00736	6.0854	1
39.00672	6.0638	1
40.00752	6.0963	1
41.00688	6.1179	1
42.00624	6.1396	1
43.00704	6.1287	1
44.0064	6.1396	1
45.0072	6.1504	1
46.00656	6.1504	1
47.00736	6.1504	1
48.00672	6.1287	1
49.00752	6.053	1
50.00688	6.0313	1
51.00624	5.9988	1
52.00704	5.9988	1
53.0064	5.988	1
54.0072	5.9988	1
55.00656	6.0313	1
56.00736	6.0205	1
57.00672	6.2154	1
58.00752	6.302	1
59.00688	6.3345	1
60.00624	6.3453	1
61.00704	6.3453	1
62.0064	6.3345	1
63.0072	6.3453	1
64.00656	6.3561	1
65.00736	6.3453	1

MW7S Constant Rate Data Cont'

66.00672	6.3453	1
67.00752	6.3345	1
68.00688	6.3561	1
69.00624	6.3561	1
70.00704	6.3345	1
71.0064	6.3778	1
72.0072	6.3886	1
73.00656	6.3778	1
74.00736	6.3886	1
75.00672	6.3778	1
76.00752	6.3886	1
77.00688	6.3778	1
78.00624	6.3886	1
79.00704	6.4103	1
80.0064	6.4103	1
81.0072	6.3237	1
82.00656	6.2803	1
83.00736	6.2479	1
84.00672	6.2479	1
85.00752	6.2695	1
86.00688	6.237	1
87.00624	6.237	1
88.00704	6.2262	1
89.0064	6.237	1
90.0072	6.237	1
91.00656	6.237	1
92.00736	6.2479	1
93.00672	6.1937	1
94.00752	6.1721	1
95.00688	6.1612	1
96.00624	6.1721	1
97.00704	6.1287	1
98.0064	6.1179	1
99.0072	6.1179	1
100.00656	6.1071	1
101.00736	6.0963	1
102.00672	6.0746	1
103.00752	6.3778	1
104.00688	6.4861	1
105.00624	6.5294	1
106.00704	6.551	1
107.0064	6.5727	1
108.0072	6.551	1
109.00656	6.4969	1
110.00736	6.4319	1
111.00672	6.3778	1
112.00752	6.302	1
113.00688	6.3128	1
114.00624	6.367	1
115.00704	6.5619	1
116.0064	6.6052	1
117.0072	6.5402	1
118.00656	6.5186	1
119.00736	6.5835	1
120.00672	6.6268	1
121.00752	6.6377	1
122.00688	6.6377	1
123.00624	6.6377	1
124.00704	6.6268	1
125.0064	6.6052	1
126.0072	6.5402	1
127.00656	6.3778	1
128.00736	6.3128	1
129.00672	6.2587	1
130.00752	6.2262	1
131.00688	6.2587	1
132.00624	6.302	1
133.00704	6.302	1
134.0064	6.3778	1
135.0072	6.3778	1
136.00656	6.367	1
137.00736	6.3561	1
138.00672	6.3453	1
139.00752	6.3778	1
140.00688	6.4319	1

MW7S Constant Rate Data Cont'

141.00624	6.4428	1
142.00704	6.4644	1
143.0064	6.4861	1
144.0072	6.4969	1
145.00656	6.5077	1
146.00736	6.5186	1
147.00672	6.5186	1
148.00752	6.5077	1
149.00688	6.5294	1
150.00624	6.5186	1
151.00704	6.5294	1
152.0064	6.5186	1
153.0072	6.5294	1
154.00656	6.5294	1
155.00736	6.5294	1
156.00672	6.5294	1
157.00752	6.5186	1
158.00688	6.5186	1
159.00624	6.5186	1
160.00704	6.5294	1
161.0064	6.5294	1
162.0072	6.5294	1
163.00656	6.5402	1
164.00736	6.5294	1
165.00672	6.5402	1
166.00752	6.5402	1
167.00688	6.5294	1
168.00624	6.5294	1
169.00704	6.5294	1
170.0064	6.5402	1
171.0072	6.4861	1
172.00656	6.4969	1
173.00736	6.5186	1
174.00672	6.5186	1
175.00752	6.5186	1
176.00688	6.5294	1
177.00624	6.5402	1
178.00704	6.5402	1
179.0064	6.5402	1
180.0072	6.5402	1

Aqtesolv Input Data

MW7S Recovery-MW7S Constant Rate Test

pwrata

.66

trecoy

180.0072

tsdata

0	6.5402	1
0.99936	-0.054	1
2.00016	0.347	1
2.99952	0.509	1
4.00032	0.531	1
4.99968	0.52	1
5.99904	0.487	1
6.99984	0.466	1
7.9992	0.433	1
9	0.401	1
9.99936	0.357	1
11.00016	0.336	1
11.99952	0.325	1
13.00032	0.303	1
13.99968	0.282	1
14.99904	0.271	1
15.99984	0.249	1
16.9992	0.238	1
18	0.217	1
18.99936	0.206	1
20.00016	0.195	1
20.99952	0.195	1
22.00032	0.195	1
22.99968	0.173	1
23.99904	0.173	1
24.99984	0.162	1
25.9992	0.162	1
27	0.152	1
27.99936	0.141	1
29.00016	0.13	1
29.99952	0.141	1
31.00032	0.13	1
31.99968	0.119	1
32.99904	0.119	1
33.99984	0.119	1
34.9992	0.108	1
36	0.108	1
36.99936	0.108	1
38.00016	0.097	1
38.99952	0.097	1
40.00032	0.097	1
40.99968	0.087	1
41.99904	0.076	1
42.99984	0.087	1
43.9992	0.065	1
45	0.076	1
45.99936	0.065	1
47.00016	0.065	1
47.99952	0.054	1
49.00032	0.054	1
49.99968	0.054	1

Date	Time	Analog#01 MW7L-15psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
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Terra8 Data Collection Report

Firmware Version 4.2/91
Number of Bytes in Data Dump 4344
User Supplied Comment MW7M-AQTEST
Time Header Block Loaded 1996/11/06 18:23:55.50
Time Data File Dumped 1996/11/06 23:25:43.80
Remaining Memory 61192
Number of Logs 295
Type of Data Memory Memory Board
Logs/Timestamp 1
Power was OK During Data Collection Period

Terra8 Channel Setup

Number of ANALOG Channels = 3

Ch#	Description	Units	Delay	M	B
1	MW7L-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	
2	MW7M-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	
3	MW7S-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	

Number of DIGITAL Channels = 0

Ch#	Description	Units	Delay	M	B
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Date Friday November 8, 1996 12:41 PM

PlotFile C:\TERRA3\7MCONS01.PRN

DataFile C:\TERRA3\7MCONS.HEX

mw7m

Time of First Log in Specified Window

4 -1

Date	Time	Analog#01 MW7L-15psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	Formulas MW7L Drawdown (s or s') (feet)	Formulas MW7M Drawdown (s or s') (feet)	Formulas MW7S Drawdown (s or s') (feet)
11/06/96	18:23:55	20.53	28.597	12.918						
11/06/96	18:24:55	20.53	28.597	12.907						

Date	Time	Analog#01 MW7L—15psi. ft.....	Analog#02 MW7M—15psi. ft.....	Analog#03 MW7S—15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/06/96	18:25:55	20.53	28.608	12.918	0			0	0	0
11/06/96	18:26:55	20.519	22.144	12.918	1.0008		0.011	6.464		0
11/06/96	18:27:55	20.541	21.905	12.896	2.00016		-0.011	6.703		0.022
11/06/96	18:28:55	20.53	21.44	12.907	2.99952		0	7.168		0.011
11/06/96	18:29:55	20.541	21.375	12.918	4.00032		-0.011	7.233		0
11/06/96	18:30:55	20.541	21.364	12.918	4.99968		-0.011	7.244		0
11/06/96	18:31:55	20.53	21.44	12.896	6.00048		0	7.168		0.022
11/06/96	18:32:55	20.53	21.061	12.907	6.99984		0	7.547		0.011
11/06/96	18:33:55	20.541	21.418	12.907	8.00064		-0.011	7.19		0.011
11/06/96	18:34:55	20.53	21.234	12.896	9		0	7.374		0.022
11/06/96	18:35:55	20.541	21.299	12.896	10.0008		-0.011	7.309		0.022
11/06/96	18:36:55	20.53	21.245	12.907	11.00016		0	7.363		0.011
11/06/96	18:37:55	20.53	20.909	12.907	11.99952		0	7.699		0.011
11/06/96	18:38:55	20.53	21.277	12.896	13.00032		0	7.331		0.022
11/06/96	18:39:55	20.53	21.158	12.896	13.99968		0	7.45		0.022
11/06/96	18:40:55	20.541	21.126	12.896	15.00048		-0.011	7.482		0.022
11/06/96	18:41:55	20.53	21.05	12.907	15.99984		0	7.558		0.011
11/06/96	18:42:55	20.541	21.137	12.896	17.00064		-0.011	7.471		0.022
11/06/96	18:43:55	20.541	21.061	12.907	18		-0.011	7.547		0.011
11/06/96	18:44:55	20.53	21.093	12.907	19.0008		0	7.515		0.011
11/06/96	18:45:55	20.519	21.266	12.896	20.00016		0.011	7.342		0.022
11/06/96	18:46:55	20.53	20.996	12.907	20.99952		0	7.612		0.011
11/06/96	18:47:55	20.53	20.866	12.896	22.00032		0	7.742		0.022
11/06/96	18:48:55	20.541	20.974	12.907	22.99968		-0.011	7.634		0.011
11/06/96	18:49:55	20.53	21.017	12.907	24.00048		0	7.591		0.011
11/06/96	18:50:55	20.53	21.039	12.885	24.99984		0	7.569		0.033
11/06/96	18:51:55	20.541	21.061	12.896	26.00064		-0.011	7.547		0.022
11/06/96	18:52:55	20.53	20.963	12.885	27		0	7.645		0.033
11/06/96	18:53:55	20.53	21.061	12.896	28.0008		0	7.547		0.022
11/06/96	18:54:55	20.519	21.234	12.896	29.00016		0.011	7.374		0.022
11/06/96	18:55:55	20.53	20.931	12.885	29.99952		0	7.677		0.033
11/06/96	18:56:55	20.53	21.05	12.896	31.00032		0	7.558		0.022
11/06/96	18:57:55	20.53	21.18	12.896	31.99968		0	7.428		0.022
11/06/96	18:58:55	20.53	21.256	12.907	33.00048		0	7.352		0.011
11/06/96	18:59:55	20.53	21.158	12.896	33.99984		0	7.45		0.022
11/06/96	19:00:55	20.519	20.833	12.896	35.00064		0.011	7.775		0.022
11/06/96	19:01:55	20.541	20.898	12.885	36		-0.011	7.71		0.033
11/06/96	19:02:55	20.53	20.996	12.896	37.0008		0	7.612		0.022
11/06/96	19:03:55	20.53	21.082	12.896	38.00016		0	7.526		0.022
11/06/96	19:04:55	20.53	20.833	12.896	38.99952		0	7.775		0.022
11/06/96	19:05:55	20.53	20.996	12.896	40.00032		0	7.612		0.022
11/06/96	19:06:55	20.541	20.844	12.896	40.99968		-0.011	7.764		0.022
11/06/96	19:07:55	20.53	20.866	12.885	42.00048		0	7.742		0.033

Date	Time	Analog#01 MW7L-15psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/06/96	19:08:55	20.519	20.801	12.907	42.99984			0.011	7.807	0.011
11/06/96	19:09:55	20.519	21.028	12.885	44.00064			0.011	7.58	0.033
11/06/96	19:10:55	20.519	20.942	12.885	45			0.011	7.666	0.033
11/06/96	19:11:55	20.53	21.039	12.896	46.0008			0	7.569	0.022
11/06/96	19:12:55	20.53	20.985	12.896	47.00016			0	7.623	0.022
11/06/96	19:13:55	20.53	20.963	12.896	47.99952			0	7.645	0.022
11/06/96	19:14:55	20.53	20.822	12.907	49.00032			0	7.786	0.011
11/06/96	19:15:55	20.53	20.822	12.885	49.99968			0	7.786	0.033
11/06/96	19:16:55	20.53	20.725	12.896	51.00048			0	7.883	0.022
11/06/96	19:17:55	20.541	20.887	12.896	51.99984			-0.011	7.721	0.022
11/06/96	19:18:55	20.53	20.844	12.896	53.00064			0	7.764	0.022
11/06/96	19:19:55	20.519	21.061	12.896	54			0.011	7.547	0.022
11/06/96	19:20:55	20.519	20.909	12.885	55.0008			0.011	7.699	0.033
11/06/96	19:21:55	20.53	21.256	12.885	56.00016			0	7.352	0.033
11/06/96	19:22:55	20.53	20.79	12.885	56.99952			0	7.818	0.033
11/06/96	19:23:55	20.53	21.007	12.896	58.00032			0	7.601	0.022
11/06/96	19:24:55	20.519	20.974	12.885	58.99968			0.011	7.634	0.033
11/06/96	19:25:55	20.519	20.931	12.885	60.00048			0.011	7.677	0.033
11/06/96	19:26:55	20.53	20.963	12.885	60.99984			0	7.645	0.033
11/06/96	19:27:55	20.53	20.855	12.896	62.00064			0	7.753	0.022
11/06/96	19:28:55	20.53	20.79	12.885	63			0	7.818	0.033
11/06/96	19:29:55	20.53	21.007	12.896	64.0008			0	7.601	0.022
11/06/96	19:30:55	20.53	21.05	12.885	65.00016			0	7.558	0.033
11/06/96	19:31:55	20.53	20.909	12.885	65.99952			0	7.699	0.033
11/06/96	19:32:55	20.53	20.758	12.885	67.00032			0	7.85	0.033
11/06/96	19:33:55	20.53	20.822	12.885	67.99968			0	7.786	0.033
11/06/96	19:34:55	20.53	20.595	12.885	69.00048			0	8.013	0.033
11/06/96	19:35:55	20.519	21.039	12.875	69.99984			0.011	7.569	0.043
11/06/96	19:36:55	20.53	20.801	12.896	71.00064			0	7.807	0.022
11/06/96	19:37:55	20.53	21.072	12.885	72			0	7.536	0.033
11/06/96	19:38:55	20.53	20.682	12.885	73.0008			0	7.926	0.033
11/06/96	19:39:55	20.519	20.887	12.885	74.00016			0.011	7.721	0.033
11/06/96	19:40:55	20.53	20.822	12.885	74.99952			0	7.786	0.033
11/06/96	19:41:55	20.53	20.974	12.885	76.00032			0	7.634	0.033
11/06/96	19:42:55	20.519	20.887	12.885	76.99968			0.011	7.721	0.033
11/06/96	19:43:55	20.53	21.007	12.885	78.00048			0	7.601	0.033
11/06/96	19:44:55	20.519	20.703	12.885	78.99984			0.011	7.905	0.033
11/06/96	19:45:55	20.53	20.963	12.885	80.00064			0	7.645	0.033
11/06/96	19:46:55	20.53	20.79	12.885	81			0	7.818	0.033
11/06/96	19:47:55	20.519	20.985	12.885	82.0008			0.011	7.623	0.033
11/06/96	19:48:55	20.53	20.844	12.885	83.00016			0	7.764	0.033
11/06/96	19:49:55	20.519	20.985	12.885	83.99952			0.011	7.623	0.033
11/06/96	19:50:55	20.53	20.855	12.896	85.00032			0	7.753	0.022

Date	Time	Analog#01 MW7L-15psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/06/96	19:51:55	20.53	20.92	12.885	85.99968			0	7.688	0.033
11/06/96	19:52:55	20.53	20.758	12.885	87.00048			0	7.85	0.033
11/06/96	19:53:55	20.519	21.137	12.885	87.99984			0.011	7.471	0.033
11/06/96	19:54:55	20.53	20.866	12.885	89.00064			0	7.742	0.033
11/06/96	19:55:55	20.53	20.66	12.875	90			0	7.948	0.043
11/06/96	19:56:55	20.519	21.039	12.885	91.0008			0.011	7.569	0.033
11/06/96	19:57:55	20.53	20.974	12.875	92.00016			0	7.634	0.043
11/06/96	19:58:55	20.53	20.552	12.885	92.99952			0	8.056	0.033
11/06/96	19:59:55	20.53	21.234	12.875	94.00032			0	7.374	0.043
11/06/96	20:00:55	20.53	20.963	12.875	94.99968			0	7.645	0.043
11/06/96	20:01:55	20.519	21.266	12.875	96.00048			0.011	7.342	0.043
11/06/96	20:02:55	20.53	20.693	12.885	96.99984			0	7.915	0.033
11/06/96	20:03:55	20.53	20.931	12.885	98.00064			0	7.677	0.033
11/06/96	20:04:55	20.519	20.887	12.885	99			0.011	7.721	0.033
11/06/96	20:05:55	20.53	21.05	12.885	100.0008			0	7.558	0.033
11/06/96	20:06:55	20.53	21.017	12.885	101.00016			0	7.591	0.033
11/06/96	20:07:55	20.53	21.061	12.885	101.99952			0	7.547	0.033
11/06/96	20:08:55	20.519	20.714	12.875	103.00032			0.011	7.894	0.043
11/06/96	20:09:55	20.519	20.92	12.875	103.99968			0.011	7.688	0.043
11/06/96	20:10:55	20.519	20.877	12.875	105.00048			0.011	7.731	0.043
11/06/96	20:11:55	20.519	20.963	12.875	105.99984			0.011	7.645	0.043
11/06/96	20:12:55	20.53	20.909	12.875	107.00064			0	7.699	0.043
11/06/96	20:13:55	20.519	20.909	12.875	108			0.011	7.699	0.043
11/06/96	20:14:55	20.519	21.082	12.885	109.0008			0.011	7.526	0.033
11/06/96	20:15:55	20.53	20.866	12.875	110.00016			0	7.742	0.043
11/06/96	20:16:55	20.519	20.887	12.875	110.99952			0.011	7.721	0.043
11/06/96	20:17:55	20.519	20.866	12.875	112.00032			0.011	7.742	0.043
11/06/96	20:18:55	20.53	20.952	12.875	112.99968			0	7.656	0.043
11/06/96	20:19:55	20.519	20.703	12.885	114.00048			0.011	7.905	0.033
11/06/96	20:20:55	20.519	20.833	12.864	114.99984			0.011	7.775	0.054
11/06/96	20:21:55	20.508	20.725	12.875	116.00064			0.022	7.883	0.043
11/06/96	20:22:55	20.519	20.974	12.875	117			0.011	7.634	0.043
11/06/96	20:23:55	20.519	20.779	12.885	118.0008			0.011	7.829	0.033
11/06/96	20:24:55	20.519	20.844	12.885	119.00016			0.011	7.764	0.033
11/06/96	20:25:55	20.519	20.79	12.885	119.99952			0.011	7.818	0.033
11/06/96	20:26:55	20.508	20.952	12.875	121.00032			0.022	7.656	0.043
11/06/96	20:27:55	20.508	20.942	12.875	121.99968			0.022	7.666	0.043
11/06/96	20:28:55	20.519	20.877	12.885	123.00048			0.011	7.731	0.033
11/06/96	20:29:55	20.519	20.92	12.875	123.99984			0.011	7.688	0.043
11/06/96	20:30:55	20.519	20.887	12.875	125.00064			0.011	7.721	0.043
11/06/96	20:31:55	20.519	20.79	12.864	126			0.011	7.818	0.054
11/06/96	20:32:55	20.519	20.844	12.864	127.0008			0.011	7.764	0.054
11/06/96	20:33:55	20.53	20.812	12.885	128.00016			0	7.796	0.033

Date	Time	Analog#01 MW7L-15psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/06/96	20:34:55	20.519	20.931	12.864	128.99952	0		0.011	7.677	0.054
11/06/96	20:35:55	20.519	28.002	12.875	130.00032	1.0008	129.8964	0.011	0.606	0.043
11/06/96	20:36:55	20.508	28.142	12.875	130.99968	2.00016	65.4946	0.022	0.466	0.043
11/06/96	20:37:55	20.519	28.186	12.864	132.00048	3.00096	43.986084	0.011	0.422	0.054
11/06/96	20:38:55	20.519	28.229	12.864	132.99984	4.00032	33.2473	0.011	0.379	0.054
11/06/96	20:39:55	20.519	28.251	12.875	134.00064	5.00112	26.794126	0.011	0.357	0.043
11/06/96	20:40:55	20.508	28.294	12.875	135	6.00048	22.4982	0.022	0.314	0.043
11/06/96	20:41:55	20.508	28.294	12.864	136.0008	7.00128	19.425134	0.022	0.314	0.054
11/06/96	20:42:55	20.508	28.316	12.864	137.00016	8.00064	17.12365	0.022	0.292	0.054
11/06/96	20:43:55	20.508	28.326	12.864	137.99952	9	15.33328	0.022	0.282	0.054
11/06/96	20:44:55	20.508	28.337	12.864	139.00032	10.0008	13.89892	0.022	0.271	0.054
11/06/96	20:45:55	20.508	28.337	12.864	139.99968	11.00016	12.727059	0.022	0.271	0.054
11/06/96	20:46:55	20.508	28.359	12.864	141.00048	12.00096	11.7491	0.022	0.249	0.054
11/06/96	20:47:55	20.519	28.359	12.864	141.99984	13.00032	10.922796	0.011	0.249	0.054
11/06/96	20:48:55	20.498	28.37	12.864	143.00064	14.00112	10.213514	0.032	0.238	0.054
11/06/96	20:49:55	20.508	28.381	12.864	144	15.00048	9.5996928	0.022	0.227	0.054
11/06/96	20:50:55	20.508	28.381	12.864	145.0008	16.00128	9.0618251	0.022	0.227	0.054
11/06/96	20:51:55	20.508	28.391	12.864	146.00016	17.00064	8.5879214	0.022	0.217	0.054
11/06/96	20:52:55	20.508	28.413	12.864	146.99952	18	8.16664	0.022	0.195	0.054
11/06/96	20:53:55	20.519	28.391	12.875	148.00032	19.0008	7.7891626	0.011	0.217	0.043
11/06/96	20:54:55	20.519	28.402	12.864	148.99968	20.00016	7.4499244	0.011	0.206	0.054
11/06/96	20:55:55	20.508	28.402	12.875	150.00048	21.00096	7.1425535	0.022	0.206	0.043
11/06/96	20:56:55	20.498	28.402	12.864	150.99984	22.00032	6.8635293	0.032	0.206	0.054
11/06/96	20:57:55	20.508	28.413	12.864	152.00064	23.00112	6.6084017	0.022	0.195	0.054
11/06/96	20:58:55	20.508	28.413	12.885	153	24.00048	6.3748725	0.022	0.195	0.033
11/06/96	20:59:55	20.508	28.413	12.864	154.0008	25.00128	6.1597166	0.022	0.195	0.054
11/06/96	21:00:55	20.508	28.413	12.853	155.00016	26.00064	5.9613979	0.022	0.195	0.065
11/06/96	21:01:55	20.508	28.435	12.885	155.99952	27	5.77776	0.022	0.173	0.033
11/06/96	21:02:55	20.508	28.424	12.853	157.00032	28.0008	5.6069941	0.022	0.184	0.065
11/06/96	21:03:55	20.519	28.435	12.853	157.99968	29.00016	5.4482348	0.011	0.173	0.065
11/06/96	21:04:55	20.508	28.435	12.864	159.00048	30.00096	5.2998464	0.022	0.173	0.054
11/06/96	21:05:55	20.508	28.424	12.875	159.99984	31.00032	5.1612319	0.022	0.184	0.043
11/06/96	21:06:55	20.508	28.435	12.864	161.00064	32.00112	5.0310939	0.022	0.173	0.054
11/06/96	21:07:55	20.508	28.445	12.864	162	33.00048	4.9090195	0.022	0.163	0.054
11/06/96	21:08:55	20.508	28.435	12.864	163.0008	34.00128	4.7939607	0.022	0.173	0.054
11/06/96	21:09:55	20.498	28.445	12.864	164.00016	35.00064	4.6856332	0.032	0.163	0.054
11/06/96	21:10:55	20.508	28.445	12.853	164.99952	36	4.58332	0.022	0.163	0.065
11/06/96	21:11:55	20.508	28.445	12.853	166.00032	37.0008	4.4863981	0.022	0.163	0.065
11/06/96	21:12:55	20.508	28.456	12.864	166.99968	38.00016	4.3947099	0.022	0.152	0.054
11/06/96	21:13:55	20.498	28.445	12.853	168.00048	39.00096	4.3075986	0.032	0.163	0.065
11/06/96	21:14:55	20.508	28.456	12.853	168.99984	40.00032	4.2249622	0.022	0.152	0.065
11/06/96	21:15:55	20.508	28.456	12.853	170.00064	41.00112	4.1462438	0.022	0.152	0.065
11/06/96	21:16:55	20.498	28.456	12.864	171	42.00048	4.071382	0.032	0.152	0.054

Date	Time	Analog#01 MW7L-15psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	1/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/06/96	21:17:55	20.508	28.456	12.864	172.0008	43.00128	3.9998995	0.022	0.152	0.054
11/06/96	21:18:55	20.508	28.456	12.853	173.00016	44.00064	3.9317646	0.022	0.152	0.065
11/06/96	21:19:55	20.508	28.467	12.853	173.99952	45	3.866656	0.022	0.141	0.065
11/06/96	21:20:55	20.508	28.467	12.842	175.00032	46.0008	3.8042886	0.022	0.141	0.076
11/06/96	21:21:55	20.498	28.456	12.853	175.99968	47.00016	3.7446613	0.032	0.152	0.065
11/06/96	21:22:55	20.508	28.467	12.864	177.00048	48.00096	3.6874363	0.022	0.141	0.054
11/06/96	21:23:55	20.508	28.478	12.853	177.99984	49.00032	3.6326261	0.022	0.13	0.065
11/06/96	21:24:55	20.498	28.467	12.853	179.00064	50.00112	3.5799326	0.032	0.141	0.065
11/06/96	21:25:55	20.508	28.467	12.864	180	51.00048	3.5293785	0.022	0.141	0.054
11/06/96	21:26:55	20.508	28.467	12.853	181.0008	52.00128	3.4806989	0.022	0.141	0.065
11/06/96	21:27:55	20.498	28.467	12.853	182.00016	53.00064	3.4339238	0.032	0.141	0.065
11/06/96	21:28:55	20.498	28.467	12.853	182.99952	54	3.38888	0.032	0.141	0.065
11/06/96	21:29:55	20.508	28.467	12.853	184.00032	55.0008	3.3454117	0.022	0.141	0.065
11/06/96	21:30:55	20.508	28.467	12.853	184.99968	56.00016	3.3035563	0.022	0.141	0.065
11/06/96	21:31:55	20.508	28.478	12.864	186.00048	57.00096	3.2631114	0.022	0.13	0.054
11/06/96	21:32:55	20.498	28.478	12.853	186.99984	58.00032	3.2241174	0.032	0.13	0.065
11/06/96	21:33:55	20.508	28.467	12.853	188.00064	59.00112	3.186391	0.022	0.141	0.065
11/06/96	21:34:55	20.508	28.478	12.853	189	60.00048	3.1499748	0.022	0.13	0.065
11/06/96	21:35:55	20.498	28.478	12.853	190.0008	61.00128	3.1147019	0.032	0.13	0.065
11/06/96	21:36:55	20.508	28.478	12.853	191.00016	62.00064	3.0806159	0.022	0.13	0.065
11/06/96	21:37:55	20.508	28.489	12.842	191.99952	63	3.0476114	0.022	0.119	0.076
11/06/96	21:38:55	20.508	28.478	12.853	193.00032	64.0008	3.0155923	0.022	0.13	0.065
11/06/96	21:39:55	20.498	28.478	12.853	193.99968	65.00016	2.9846031	0.032	0.13	0.065
11/06/96	21:40:55	20.519	28.467	12.853	195.00048	66.00096	2.9545098	0.011	0.141	0.065
11/06/96	21:41:55	20.508	28.478	12.853	195.99984	67.00032	2.9253568	0.022	0.13	0.065
11/06/96	21:42:55	20.519	28.489	12.853	197.00064	68.00112	2.8970205	0.011	0.119	0.065
11/06/96	21:43:55	20.508	28.489	12.853	198	69.00048	2.8695453	0.022	0.119	0.065
11/06/96	21:44:55	20.508	28.478	12.853	199.0008	70.00128	2.8428166	0.022	0.13	0.065
11/06/96	21:45:55	20.508	28.478	12.853	200.00016	71.00064	2.8168783	0.022	0.13	0.065
11/06/96	21:46:55	20.508	28.478	12.853	200.99952	72	2.79166	0.022	0.13	0.065
11/06/96	21:47:55	20.508	28.489	12.853	202.00032	73.0008	2.7670973	0.022	0.119	0.065
11/06/96	21:48:55	20.498	28.489	12.853	202.99968	74.00016	2.743233	0.032	0.119	0.065
11/06/96	21:49:55	20.508	28.5	12.853	204.00048	75.00096	2.7199716	0.022	0.108	0.065
11/06/96	21:50:55	20.508	28.478	12.842	204.99984	76.00032	2.697355	0.022	0.13	0.076
11/06/96	21:51:55	20.498	28.489	12.853	206.00064	77.00112	2.6752941	0.032	0.119	0.065
11/06/96	21:52:55	20.508	28.478	12.853	207	78.00048	2.6538298	0.022	0.13	0.065
11/06/96	21:53:55	20.498	28.5	12.853	208.0008	79.00128	2.6328789	0.032	0.108	0.065
11/06/96	21:54:55	20.508	28.478	12.853	209.00016	80.00064	2.6124811	0.022	0.13	0.065
11/06/96	21:55:55	20.498	28.489	12.864	209.99952	81	2.5925867	0.032	0.119	0.054
11/06/96	21:56:55	20.508	28.5	12.853	211.00032	82.0008	2.5731495	0.022	0.108	0.065
11/06/96	21:57:55	20.498	28.489	12.853	211.99968	83.00016	2.5542081	0.032	0.119	0.065
11/06/96	21:58:55	20.519	28.489	12.842	213.00048	84.00096	2.535691	0.011	0.119	0.076
11/06/96	21:59:55	20.508	28.5	12.853	213.99984	85.00032	2.5176357	0.022	0.108	0.065

Date	Time	Analog#01 MW7L-15psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/06/96	22:00:55	20.498	28.478	12.853	215.00064	86.00112	2.4999749	0.032	0.13	0.065
11/06/96	22:01:55	20.498	28.5	12.853	216	87.00048	2.4827449	0.032	0.108	0.065
11/06/96	22:02:55	20.508	28.489	12.842	217.0008	88.00128	2.4658823	0.022	0.119	0.076
11/06/96	22:03:55	20.508	28.5	12.853	218.00016	89.00064	2.4494224	0.022	0.108	0.065
11/06/96	22:04:55	20.498	28.489	12.831	218.99952	90	2.433328	0.032	0.119	0.087
11/06/96	22:05:55	20.487	28.5	12.853	220.00032	91.0008	2.4175647	0.043	0.108	0.065
11/06/96	22:06:55	20.498	28.489	12.853	220.99968	92.00016	2.4021663	0.032	0.119	0.065
11/06/96	22:07:55	20.508	28.489	12.853	222.00048	93.00096	2.3870773	0.022	0.119	0.065
11/06/96	22:08:55	20.498	28.5	12.853	222.99984	94.00032	2.3723306	0.032	0.108	0.065
11/06/96	22:09:55	20.508	28.489	12.853	224.00064	95.00112	2.3578737	0.022	0.119	0.065
11/06/96	22:10:55	20.498	28.5	12.853	225	96.00048	2.3437383	0.032	0.108	0.065
11/06/96	22:11:55	20.508	28.5	12.842	226.0008	97.00128	2.3298744	0.022	0.108	0.076
11/06/96	22:12:55	20.498	28.489	12.853	227.00016	98.00064	2.316313	0.032	0.119	0.065
11/06/96	22:13:55	20.498	28.51	12.842	227.99952	99	2.3030255	0.032	0.098	0.076
11/06/96	22:14:55	20.498	28.489	12.853	229.00032	100.0008	2.2899849	0.032	0.119	0.065
11/06/96	22:15:55	20.508	28.5	12.842	229.99968	101.00016	2.2772209	0.022	0.108	0.076
11/06/96	22:16:55	20.508	28.5	12.842	231.00048	102.00096	2.2646893	0.022	0.108	0.076
11/06/96	22:17:55	20.498	28.51	12.853	231.99984	103.00032	2.2524186	0.032	0.098	0.065
11/06/96	22:18:55	20.498	28.5	12.842	233.00064	104.00112	2.2403666	0.032	0.108	0.076
11/06/96	22:19:55	20.498	28.5	12.853	234	105.00048	2.2285612	0.032	0.108	0.065
11/06/96	22:20:55	20.498	28.51	12.842	235.0008	106.00128	2.2169619	0.032	0.098	0.076
11/06/96	22:21:55	20.508	28.51	12.853	236.00016	107.00064	2.2055958	0.022	0.098	0.065
11/06/96	22:22:55	20.498	28.489	12.853	236.99952	108	2.19444	0.032	0.119	0.065
11/06/96	22:23:55	20.508	28.51	12.853	238.00032	109.0008	2.1834731	0.022	0.098	0.065
11/06/96	22:24:55	20.508	28.5	12.853	238.99968	110.00016	2.1727212	0.022	0.108	0.065
11/06/96	22:25:55	20.498	28.5	12.853	240.00048	111.00096	2.1621478	0.032	0.108	0.065
11/06/96	22:26:55	20.508	28.5	12.842	240.99984	112.00032	2.1517781	0.022	0.108	0.076
11/06/96	22:27:55	20.498	28.5	12.853	242.00064	113.00112	2.1415774	0.032	0.108	0.065
11/06/96	22:28:55	20.498	28.5	-8.6517	243	114.00048	2.13157	0.032	0.108	
11/06/96	22:29:55	20.498	28.5	-8.6517	244.0008	115.00128	2.1217225	0.032	0.108	
11/06/96	22:30:55	20.498	28.5	-8.6517	245.00016	116.00064	2.1120587	0.032	0.108	
11/06/96	22:31:55	20.498	28.51	-8.6517	245.99952	117	2.10256	0.032	0.098	
11/06/96	22:32:55	20.498	28.51	-8.6517	247.00032	118.0008	2.0932089	0.032	0.098	
11/06/96	22:33:55	20.487	28.5	-8.6517	247.99968	119.00016	2.0840281	0.043	0.108	
11/06/96	22:34:55	20.498	28.5	-8.6408	249.00048	120.00096	2.0749874	0.032	0.108	
11/06/96	22:35:55	-8.6625	28.5	-8.6517	249.99984	121.00032	2.0661089		0.108	
11/06/96	22:36:55	-8.6517	28.51	-8.6517	251.00064	122.00112	2.0573634		0.098	
11/06/96	22:37:55	-8.6517	28.5	-8.6625	252	123.00048	2.0487725		0.108	
11/06/96	22:38:55	-8.6625	28.51	-8.6625	253.0008	124.00128	2.040308		0.098	
11/06/96	22:39:55	-8.6517	28.5	-8.6517	254.00016	125.00064	2.0319909		0.108	
11/06/96	22:40:55	-8.6517	28.5	-8.6625	254.99952	126	2.0238057		0.108	
11/06/96	22:41:55	-8.6517	28.51	-8.6517	256.00032	127.0008	2.0157379		0.098	
11/06/96	22:42:55	-8.6733	28.5	-8.6517	256.99968	128.00016	2.0078075		0.108	

Date	Time	Analog#01 MW7L-15psi. ft.....	Analog#02 MW7M-15psi. ft.....	Analog#03 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/06/96	22:43:55	-8.6625	28.5	-8.6625	258.00048	129.00096	1.9999888		0.108	
11/06/96	22:44:55	-8.6517	28.51	-8.6517	258.99984	130.00032	1.9923016		0.098	
11/06/96	22:45:55	-8.6517	28.51	-8.6517	260.00064	131.00112	1.9847207		0.098	
11/06/96	22:46:55	-8.6625	28.51	-8.6517	261	132.00048	1.9772655		0.098	
11/06/96	22:47:55	-8.6517	28.51	-8.6517	262.0008	133.00128	1.9699119		0.098	
11/06/96	22:48:55	-8.6625	28.51	-8.6517	263.00016	134.00064	1.9626784		0.098	
11/06/96	22:49:55	-8.6517	28.51	-8.6517	263.99952	135	1.955552		0.098	
11/06/96	22:50:55	-8.6517	28.5	-8.6517	265.00032	136.0008	1.9485203		0.108	
11/06/96	22:51:55	-8.6625	28.51	-8.6517	265.99968	137.00016	1.9416012		0.098	
11/06/96	22:52:55	-8.6517	28.5	-8.6517	267.00048	138.00096	1.9347726		0.108	
11/06/96	22:53:55	-8.6517	28.51	-8.6517	267.99984	139.00032	1.928052		0.098	
11/06/96	22:54:55	-8.6625	28.51	-8.6517	269.00064	140.00112	1.9214178		0.098	
11/06/96	22:55:55	-8.6517	28.51	-8.6625	270	141.00048	1.9148871		0.098	
11/06/96	22:56:55	-8.6517	28.51	-8.6517	271.0008	142.00128	1.9084391		0.098	
11/06/96	22:57:55	-8.6625	28.51	-8.6517	272.00016	143.00064	1.9020905		0.098	
11/06/96	22:58:55	-8.6625	28.51	-8.6625	272.99952	144	1.89583		0.098	
11/06/96	22:59:55	-8.6625	28.51	-8.6517	274.00032	145.0008	1.889647		0.098	
11/06/96	23:00:55	-8.6408	28.521	-8.6625	274.99968	146.00016	1.8835574		0.087	
11/06/96	23:01:55	-8.6517	28.51	-8.6625	276.00048	147.00096	1.877542		0.098	
11/06/96	23:02:55	-8.6517	28.51	-8.6517	276.99984	148.00032	1.8716165		0.098	
11/06/96	23:03:55	-8.6625	28.51	-8.6625	278.00064	149.00112	1.8657621		0.098	
11/06/96	23:04:55	-8.6517	28.51	-8.6517	279	150.00048	1.859994		0.098	
11/06/96	23:05:55	-8.6517	28.51	-8.6517	280.0008	151.00128	1.8542942		0.098	
11/06/96	23:06:55	-8.6517	28.51	-8.6517	281.00016	152.00064	1.8486775		0.098	
11/06/96	23:07:55	-8.6517	28.51	-8.6517	281.99952	153	1.8431341		0.098	
11/06/96	23:08:55	-8.6625	28.51	-8.6625	283.00032	154.0008	1.8376549		0.098	
11/06/96	23:09:55	-8.6517	28.51	-8.6517	283.99968	155.00016	1.8322541		0.098	
11/06/96	23:10:55	-8.6625	28.51	-8.6517	285.00048	156.00096	1.8269149		0.098	
11/06/96	23:11:55	-8.6517	28.51	-8.6517	285.99984	157.00032	1.8216513		0.098	
11/06/96	23:12:55	-8.6517	28.51	-8.6517	287.00064	158.00112	1.8164469		0.098	
11/06/96	23:13:55	-8.6517	28.521	-8.6517	288	159.00048	1.8113153		0.087	
11/06/96	23:14:55	-8.6517	28.51	-8.6517	289.0008	160.00128	1.8062406		0.098	
11/06/96	23:15:55	-8.6625	28.51	-8.6625	290.00016	161.00064	1.8012361		0.098	
11/06/96	23:16:55	-8.6517	28.51	-8.6517	290.99952	162	1.7962933		0.098	
11/06/96	23:17:55	-8.6625	28.521	-8.6517	292.00032	163.0008	1.7914042		0.087	

Aqtesolv Input Data

MW7M Drawdown-MW7M Constant Rate Test

pwrate

7.14

radius

0.21

tsdata

0	0	1
1.0008	6.464	1
2.00016	6.703	1
2.99952	7.168	1
4.00032	7.233	1
4.99968	7.244	1
6.00048	7.168	1
6.99984	7.547	1
8.00064	7.19	1
9	7.374	1
10.0008	7.309	1
11.00016	7.363	1
11.99952	7.699	1
13.00032	7.331	1
13.99968	7.45	1
15.00048	7.482	1
15.99984	7.558	1
17.00064	7.471	1
18	7.547	1
19.0008	7.515	1
20.00016	7.342	1
20.99952	7.612	1
22.00032	7.742	1
22.99968	7.634	1
24.00048	7.591	1
24.99984	7.569	1
26.00064	7.547	1
27	7.645	1
28.0008	7.547	1
29.00016	7.374	1
29.99952	7.677	1
31.00032	7.558	1
31.99968	7.428	1
33.00048	7.352	1
33.99984	7.45	1
35.00064	7.775	1
36	7.71	1
37.0008	7.612	1
38.00016	7.526	1
38.99952	7.775	1
40.00032	7.612	1
40.99968	7.764	1
42.00048	7.742	1
42.99984	7.807	1
44.00064	7.58	1
45	7.666	1
46.0008	7.569	1
47.00016	7.623	1
47.99952	7.645	1
49.00032	7.786	1
49.99968	7.786	1
51.00048	7.883	1
51.99984	7.721	1
53.00064	7.764	1
54	7.547	1
55.0008	7.699	1
56.00016	7.352	1
56.99952	7.818	1
58.00032	7.601	1
58.99968	7.634	1
60.00048	7.677	1
60.99984	7.645	1
62.00064	7.753	1
63	7.818	1
64.0008	7.601	1
65.00016	7.558	1
65.99952	7.699	1
67.00032	7.85	1

MW7M Constant Rate Data Cont'

67.99968	7.786	1
69.00048	8.013	1
69.99984	7.569	1
71.00064	7.807	1
72	7.536	1
73.0008	7.926	1
74.00016	7.721	1
74.99952	7.786	1
76.00032	7.634	1
76.99968	7.721	1
78.00048	7.601	1
78.99984	7.905	1
80.00064	7.645	1
81	7.818	1
82.0008	7.623	1
83.00016	7.764	1
83.99952	7.623	1
85.00032	7.753	1
85.99968	7.688	1
87.00048	7.85	1
87.99984	7.471	1
89.00064	7.742	1
90	7.948	1
91.0008	7.569	1
92.00016	7.634	1
92.99952	8.056	1
94.00032	7.374	1
94.99968	7.645	1
96.00048	7.342	1
96.99984	7.915	1
98.00064	7.677	1
99	7.721	1
100.0008	7.558	1
101.00016	7.591	1
101.99952	7.547	1
103.00032	7.894	1
103.99968	7.688	1
105.00048	7.731	1
105.99984	7.645	1
107.00064	7.699	1
108	7.699	1
109.0008	7.526	1
110.00016	7.742	1
110.99952	7.721	1
112.00032	7.742	1
112.99968	7.656	1
114.00048	7.905	1
114.99984	7.775	1
116.00064	7.883	1
117	7.634	1
118.0008	7.829	1
119.00016	7.764	1
119.99952	7.818	1
121.00032	7.656	1
121.99968	7.666	1
123.00048	7.731	1
123.99984	7.688	1
125.00064	7.721	1
126	7.818	1
127.0008	7.764	1
128.00016	7.796	1
128.99952	7.677	1

Aqtesolv Input Data

MW7M Recovery-MW7M Constant Rate Test

pwrate

7.14

trecov

128.99952

tsdata

0	7.677	1
1.0008	0.606	1
2.00016	0.466	1
3.00096	0.422	1
4.00032	0.379	1
5.00112	0.357	1
6.00048	0.314	1
7.00128	0.314	1
8.00064	0.292	1
9	0.282	1
10.0008	0.271	1
11.00016	0.271	1
12.00096	0.249	1
13.00032	0.249	1
14.00112	0.238	1
15.00048	0.227	1
16.00128	0.227	1
17.00064	0.217	1
18	0.195	1
19.0008	0.217	1
20.00016	0.206	1
21.00096	0.206	1
22.00032	0.206	1
23.00112	0.195	1
24.00048	0.195	1
25.00128	0.195	1
26.00064	0.195	1
27	0.173	1
28.0008	0.184	1
29.00016	0.173	1
30.00096	0.173	1
31.00032	0.184	1
32.00112	0.173	1
33.00048	0.163	1
34.00128	0.173	1
35.00064	0.163	1
36	0.163	1
37.0008	0.163	1
38.00016	0.152	1
39.00096	0.163	1
40.00032	0.152	1
41.00112	0.152	1
42.00048	0.152	1
43.00128	0.152	1
44.00064	0.152	1
45	0.141	1
46.0008	0.141	1
47.00016	0.152	1
48.00096	0.141	1
49.00032	0.13	1
50.00112	0.141	1
51.00048	0.141	1
52.00128	0.141	1
53.00064	0.141	1
54	0.141	1
55.0008	0.141	1
56.00016	0.141	1
57.00096	0.13	1
58.00032	0.13	1
59.00112	0.141	1
60.00048	0.13	1
61.00128	0.13	1
62.00064	0.13	1
63	0.119	1
64.0008	0.13	1
65.00016	0.13	1
66.00096	0.141	1
67.00032	0.13	1

MW7M Recovery Data Cont'

68.00112	0.119	1
69.00048	0.119	1
70.00128	0.13	1
71.00064	0.13	1
72	0.13	1
73.0008	0.119	1
74.00016	0.119	1
75.00096	0.108	1
76.00032	0.13	1
77.00112	0.119	1
78.00048	0.13	1
79.00128	0.108	1
80.00064	0.13	1
81	0.119	1
82.0008	0.108	1
83.00016	0.119	1
84.00096	0.119	1
85.00032	0.108	1
86.00112	0.13	1
87.00048	0.108	1
88.00128	0.119	1
89.00064	0.108	1
90	0.119	1
91.0008	0.108	1
92.00016	0.119	1
93.00096	0.119	1
94.00032	0.108	1
95.00112	0.119	1
96.00048	0.108	1
97.00128	0.108	1
98.00064	0.119	1
99	0.098	1
100.0008	0.119	1
101.00016	0.108	1
102.00096	0.108	1
103.00032	0.098	1
104.00112	0.108	1
105.00048	0.108	1
106.00128	0.098	1
107.00064	0.098	1
108	0.119	1
109.0008	0.098	1
110.00016	0.108	1
111.00096	0.108	1
112.00032	0.108	1
113.00112	0.108	1
114.00048	0.108	1
115.00128	0.108	1
116.00064	0.108	1
117	0.098	1
118.0008	0.098	1
119.00016	0.108	1
120.00096	0.108	1
121.00032	0.108	1
122.00112	0.098	1
123.00048	0.108	1
124.00128	0.098	1
125.00064	0.108	1
126	0.108	1
127.0008	0.098	1
128.00016	0.108	1
129.00096	0.108	1
130.00032	0.098	1
131.00112	0.098	1
132.00048	0.098	1
133.00128	0.098	1
134.00064	0.098	1
135	0.098	1
136.0008	0.108	1
137.00016	0.098	1
138.00096	0.108	1
139.00032	0.098	1
140.00112	0.098	1
141.00048	0.098	1
142.00128	0.098	1

MW7M Recovery Data Cont'

143.00064	0.098	1
144	0.098	1
145.0008	0.098	1
146.00016	0.087	1
147.00096	0.098	1
148.00032	0.098	1
149.00112	0.098	1
150.00048	0.098	1
151.00128	0.098	1
152.00064	0.098	1
153	0.098	1
154.0008	0.098	1
155.00016	0.098	1
156.00096	0.098	1
157.00032	0.098	1
158.00112	0.098	1
159.00048	0.087	1
160.00128	0.098	1
161.00064	0.098	1
162	0.098	1
163.0008	0.087	1

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
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Terra8 Data Collection Report

Firmware Version 4.2/91
 Number of Bytes in Data Dump 1216
 User Supplied Comment MW7L-AQTEST
 Time Header Block Loaded 1996/11/01 16:45:01.20
 Time Data File Dumped 1996/11/02 08:57:58.90
 Remaining Memory 64320
 Number of Logs 183
 Type of Data Memory Memory Board
 Logs/Timestamp 10
 Power was OK During Data Collection Period

Terra8 Channel Setup

Number of ANALOG Channels = 2

Ch#	Description	Units	Delay	M	B
1	MW7L-30psi..... ft.....	100	1.7325E+0001	-1.7325E+0001	
2	MW7S-15psi..... ft.....	100	8.6625E+0000	-8.6625E+0000	

Number of DIGITAL Channels = 0

Ch#	Description	Units	Delay	M	B

Date Saturday November 2, 1996 10:46 AM
 PlotFile C:\TERRA3\7LCONS01.PRN
 DataFile C:\TERRA3\7LCONS.HEX
 MW7L-AQTEST
 Time of First Log In Specified Window
 4 -1

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	Formulas MW7L Drawdown (s or s') (feet)	Values MW7M Drawdown (s or s') (feet)	Formulas MW7S Drawdown (s or s') (feet)
11/01/96	16:45:01	23.389	13.373	0			0	0	0
11/01/96	16:46:01	11.889	13.384	1.0008			11.5		-0.011
11/01/96	16:47:01	8.251	13.362	2.00016			15.138		0.011

Date	Time	Analog#01 MW7L-30psl. ft.....	Analog#02 MW7S-15psl. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	W'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/01/96	16:48:01	6.6052	13.362	2.99952			16.7838		0.011
11/01/96	16:49:01	5.3491	13.373	4.00032			18.0399		0
11/01/96	16:50:01	4.2663	13.373	4.99968			19.1227		0
11/01/96	16:51:01	3.6383	13.373	6.00048			19.7507		0
11/01/96	16:52:01	3.2051	13.373	6.99984			20.1839		0
11/01/96	16:53:01	2.837	13.373	8.00064			20.552		0
11/01/96	16:54:01	2.7503	13.373	9			20.6387		0
11/01/96	16:55:01	2.3172	13.362	10.00656			21.0718		0.011
11/01/96	16:56:01	2.0573	13.373	11.00736			21.3317	0	0
11/01/96	16:57:01	2.0357	13.373	12.00672			21.3533		0
11/01/96	16:58:01	1.5809	13.362	13.00608			21.8081		0.011
11/01/96	16:59:01	1.6675	13.373	14.00688			21.7215		0
11/01/96	17:00:01	1.2128	13.373	15.00624			22.1762		0
11/01/96	17:01:01	1.4077	13.351	16.00704			21.9813		0.022
11/01/96	17:02:01	1.0395	13.373	17.0064			22.3495		0
11/01/96	17:03:01	1.0828	13.351	18.0072			22.3062		0.022
11/01/96	17:04:01	0.80128	13.373	19.00656			22.58772		0
11/01/96	17:05:01	0.90956	13.373	20.00736			22.47944		0
11/01/96	17:06:01	0.77963	13.373	21.00672			22.60937		0
11/01/96	17:07:01	0.62803	13.362	22.00608			22.76097		0.011
11/01/96	17:08:01	0.58472	13.384	23.00688			22.80428		-0.011
11/01/96	17:09:01	0.41147	13.373	24.00624			22.97753		0
11/01/96	17:10:01	0.45478	13.362	25.00704			22.93422		0.011
11/01/96	17:11:01	0.36816	13.362	26.0064			23.02084		0.011
11/01/96	17:12:01	0.30319	13.362	27.0072			23.08581		0.011
11/01/96	17:13:01	0.25988	13.373	28.00656			23.12912	0	0
11/01/96	17:14:01	0.41147	13.384	29.00736			22.97753		-0.011
11/01/96	17:15:01	0.47644	13.373	30.00672			22.91256		0
11/01/96	17:16:01	0.47644	13.373	31.00608			22.91256		0
11/01/96	17:17:01	0.45478	13.351	32.00688			22.93422		0.022
11/01/96	17:18:01	0.38981	13.362	33.00624			22.99919		0.011
11/01/96	17:19:01	0.36816	13.351	34.00704			23.02084		0.022
11/01/96	17:20:01	0.41147	13.373	35.0064			22.97753		0
11/01/96	17:21:01	0.30319	13.362	36.0072			23.08581		0.011
11/01/96	17:22:01	0.3465	13.362	37.00656			23.0425		0.011
11/01/96	17:23:01	0.28153	13.373	38.00736			23.10747		0
11/01/96	17:24:01	0.25988	13.373	39.00672			23.12912		0
11/01/96	17:25:01	0.21656	13.373	40.00608			23.17244		0
11/01/96	17:26:01	0.19491	13.373	41.00688			23.19409		0
11/01/96	17:27:01	0.17325	13.362	42.00624			23.21575		0.011
11/01/96	17:28:01		13.362	43.00704					0.011
11/01/96	17:29:01		13.362	44.0064					0.011
11/01/96	17:30:01		13.373	45.0072			23.36		0

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	l/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/01/96	17:31:01		13.351	46.00656					0.022
11/01/96	17:32:01		13.427	47.00736					-0.054
11/01/96	17:33:01		13.416	48.00672					-0.043
11/01/96	17:34:01		13.427	49.00608					-0.054
11/01/96	17:35:01		13.416	50.00688			23.52		-0.043
11/01/96	17:36:01		13.405	51.00624					-0.032
11/01/96	17:37:01		13.416	52.00704					-0.043
11/01/96	17:38:01		13.416	53.0064				-0.01	-0.043
11/01/96	17:39:01		13.427	54.0072					-0.054
11/01/96	17:40:01		13.416	55.00656					-0.043
11/01/96	17:41:01		13.416	56.00736					-0.043
11/01/96	17:42:01		13.416	57.00672					-0.043
11/01/96	17:43:01		13.405	58.00608					-0.032
11/01/96	17:44:01		13.405	59.00688					-0.032
11/01/96	17:45:01		13.416	60.00624			23.75		-0.043
11/01/96	17:46:01		13.416	61.00704					-0.043
11/01/96	17:47:01		13.405	62.0064					-0.032
11/01/96	17:48:01		13.416	63.0072					-0.043
11/01/96	17:49:01		13.416	64.00656					-0.043
11/01/96	17:50:01		13.405	65.00736				-0.03	-0.032
11/01/96	17:51:01		13.405	66.00672					-0.032
11/01/96	17:52:01		13.405	67.00608					-0.032
11/01/96	17:53:01		13.416	68.00688					-0.043
11/01/96	17:54:01		13.405	69.00624					-0.032
11/01/96	17:55:01		13.405	70.00704					-0.032
11/01/96	17:56:01		13.405	71.0064					-0.032
11/01/96	17:57:01		13.405	72.0072					-0.032
11/01/96	17:58:01		13.405	73.00656					-0.032
11/01/96	17:59:01		13.405	74.00736					-0.032
11/01/96	18:00:01		13.405	75.00672					-0.032
11/01/96	18:01:01		13.416	76.00608					-0.043
11/01/96	18:02:01		13.405	77.00688					-0.032
11/01/96	18:03:01		13.416	78.00624					-0.043
11/01/96	18:04:01		13.405	79.00704					-0.032
11/01/96	18:05:01		13.405	80.0064			24.15		-0.032
11/01/96	18:06:01		13.405	81.0072					-0.032
11/01/96	18:07:01		13.405	82.00656					-0.032
11/01/96	18:08:01		13.405	83.00736					-0.032
11/01/96	18:09:01		13.405	84.00672					-0.032
11/01/96	18:10:01		13.394	85.00608				-0.03	-0.021
11/01/96	18:11:01		13.394	86.00688					-0.021
11/01/96	18:12:01		13.405	87.00624					-0.032
11/01/96	18:13:01		13.405	88.00704					-0.032

Date	Time	Analog#01 MW7L--30psi. ft.....	Analog#02 MW7S--15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	l/l'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/01/96	18:14:01		13.405	89.0064					
11/01/96	18:15:01		13.405	90.0072					-0.032
11/01/96	18:16:01		13.405	91.00656					-0.032
11/01/96	18:17:01		13.394	92.00736					-0.032
11/01/96	18:18:01		13.394	93.00672					-0.021
11/01/96	18:19:01		13.405	94.00608					-0.021
11/01/96	18:20:01		13.394	95.00688					-0.032
11/01/96	18:21:01		13.405	96.00624					-0.021
11/01/96	18:22:01		13.405	97.00704					-0.032
11/01/96	18:23:01		13.394	98.0064					-0.032
11/01/96	18:24:01		13.394	99.0072					-0.021
11/01/96	18:25:01		13.394	100.00656			24.5		-0.021
11/01/96	18:26:01		13.405	101.00736					-0.021
11/01/96	18:27:01		13.394	102.00672					-0.032
11/01/96	18:28:01		13.405	103.00608					-0.021
11/01/96	18:29:01		13.405	104.00688					-0.032
11/01/96	18:30:01		13.405	105.00624					-0.032
11/01/96	18:31:01		13.394	106.00704					-0.032
11/01/96	18:32:01		13.405	107.0064					-0.021
11/01/96	18:33:01		13.405	108.0072					-0.032
11/01/96	18:34:01		13.394	109.00656					-0.032
11/01/96	18:35:01		13.394	110.00736					-0.021
11/01/96	18:36:01		13.405	111.00672					-0.021
11/01/96	18:37:01		13.394	112.00608				-0.02	-0.032
11/01/96	18:38:01		13.394	113.00688					-0.021
11/01/96	18:39:01		13.405	114.00624					-0.021
11/01/96	18:40:01		13.394	115.00704					-0.032
11/01/96	18:41:01		13.405	116.0064					-0.021
11/01/96	18:42:01		13.394	117.0072					-0.032
11/01/96	18:43:01		13.394	118.00656					-0.021
11/01/96	18:44:01		13.384	119.00736					-0.021
11/01/96	18:45:01		13.394	120.00672	0		24.73		-0.011
11/01/96	18:46:01	12.214	13.384	121.00608	0.99936	121.08357	11.175		-0.021
11/01/96	18:47:01	15.116	13.394	122.00688	2.00016	60.99856	8.273		-0.011
11/01/96	18:48:01	16.394	13.394	123.00624	2.99952	41.008641	6.995		-0.021
11/01/96	18:49:01	17.282	13.405	124.00704	4.00032	30.99928	6.107		-0.021
11/01/96	18:50:01	17.996	13.394	125.0064	4.99968	25.00288	5.393		-0.032
11/01/96	18:51:01	18.494	13.394	126.0072	6.00048	20.99952	4.895		-0.021
11/01/96	18:52:01	18.949	13.384	127.00656	6.99984	18.144209	4.44		-0.021
11/01/96	18:53:01	19.296	13.384	128.00736	8.00064	15.99964	4.093		-0.011
11/01/96	18:54:01	19.577	13.394	129.00672	9	14.33408	3.812		-0.011
11/01/96	18:55:01	19.794	13.384	130.00608	9.99936	13.00144	3.595		-0.021
11/01/96	18:56:01	19.989	13.384	131.00688	11.00016	11.909543	3.4		-0.011

Date	Time	Analog#01 MW7L-30psi. ft.....	Analog#02 MW7S-15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/01/96	18:57:01	20.162	13.384	132.00624	11.99952	11.00096	3.227		
11/01/96	18:58:01	20.335	13.384	133.00704	13.00032	10.231059	3.054		-0.011
11/01/96	18:59:01	20.465	13.384	134.0064	13.99968	9.5721045	2.924		-0.011
11/01/96	19:00:01	20.595	-8.6625	135.0072	15.00048	9.000192	2.794		-0.011
11/01/96	19:01:01	20.703	-8.6625	136.00656	15.99984	8.500495	2.686		
11/01/96	19:02:01	20.833	-8.6517	137.00736	17.00064	8.0589531	2.556		
11/01/96	19:03:01	20.92	-8.6517	138.00672	18	7.66704	2.469		
11/01/96	19:04:01	21.007	-8.6517	139.00608	18.99936	7.3163559	2.382		
11/01/96	19:05:01	21.093	-8.6625	140.00688	20.00016	7.000288	2.296		
11/01/96	19:06:01	21.158	-8.6625	141.00624	20.99952	6.7147363	2.231		
11/01/96	19:07:01	21.223	-8.6517	142.00704	22.00032	6.4547716	2.166		
11/01/96	19:08:01	21.288	-8.6517	143.0064	22.99968	6.2177561	2.101		
11/01/96	19:09:01	21.331	-8.6517	144.0072	24.00048	6.00018	2.058		
11/01/96	19:10:01	21.396	-8.6625	145.00656	24.99984	5.8002995	1.993		
11/01/96	19:11:01	21.44	-8.6625	146.00736	26.00064	5.6155295	1.949		
11/01/96	19:12:01	21.505	-8.6517	147.00672	27	5.4446933	1.884		
11/01/96	19:13:01	21.548	-8.6517	148.00608	27.99936	5.2860523	1.841		
11/01/96	19:14:01	21.591	-8.6517	149.00688	29.00016	5.1381399	1.798		
11/01/96	19:15:01	21.656	-8.6625	150.00624	29.99952	5.000288	1.733		
11/01/96	19:16:01	21.678	-8.6625	151.00704	31.00032	4.8711446	1.711		
11/01/96	19:17:01	21.721	-8.6625	152.0064	31.99968	4.7502475	1.668		
11/01/96	19:18:01	21.765	-8.6625	153.0072	33.00048	4.6365144	1.624		
11/01/96	19:19:01	21.808	-8.6625	154.00656	33.99984	4.529626	1.581		
11/01/96	19:20:01	21.851	-8.6517	155.00736	35.00064	4.4287007	1.538		
11/01/96	19:21:01	21.873	-8.6517	156.00672	36	4.33352	1.516		
11/01/96	19:22:01	21.916	-8.6625	157.00608	36.99936	4.243481	1.473		
11/01/96	19:23:01	21.938	-8.6517	158.00688	38.00016	4.1580583	1.451		
11/01/96	19:24:01	21.981	-8.6625	159.00624	38.99952	4.0771333	1.408		
11/01/96	19:25:01	22.003	-8.6625	160.00704	40.00032	4.000144	1.386		
11/01/96	19:26:01	22.024	-8.6625	161.0064	40.99968	3.927016	1.365		
11/01/96	19:27:01	22.046	-8.6517	162.0072	42.00048	3.8572702	1.343		
11/01/96	19:28:01	22.068	-8.6625	163.00656	42.99984	3.7908643	1.321		
11/01/96	19:29:01	22.089	-8.6625	164.00736	44.00064	3.7273858	1.3		
11/01/96	19:30:01	22.133	-8.6625	165.00672	45	3.666816	1.256		
11/01/96	19:31:01	22.154	-8.6517	166.00608	45.99936	3.608878	1.235		
11/01/96	19:32:01	22.176	-8.6625	167.00688	47.00016	3.5533258	1.213		
11/01/96	19:33:01	22.198	-8.6517	168.00624	47.99952	3.500165	1.191		
11/01/96	19:34:01	22.198	-8.6517	169.00704	49.00032	3.4491007	1.191		
11/01/96	19:35:01	22.198	-8.6625	170.0064	49.99968	3.4001498	1.191		
11/01/96	19:36:01	22.241	-8.6625	171.0072	51.00048	3.3530508	1.148		
11/01/96	19:37:01	22.263	-8.6625	172.00656	51.99984	3.3078286	1.126		
11/01/96	19:38:01	22.263	-8.6517	173.00736	53.00064	3.2642504	1.126		
11/01/96	19:39:01	22.263	-8.6625	174.00672	54	3.2223467	1.126		

Date	Time	Analog#01 MW7L—30psi. ft.....	Analog#02 MW7S—15psi. ft.....	Time Since Pumping Began (t, minutes)	Time Since Pumping Stopped (t', minutes)	t/t'	MW7L Drawdown (s or s') (feet)	MW7M Drawdown (s or s') (feet)	MW7S Drawdown (s or s') (feet)
11/01/96	19:40:01	22.284	-8.6625	175.00608	54.99936	3.1819658	1.105		
11/01/96	19:41:01	22.328	-8.6517	176.00688	56.00016	3.142971	1.061		
11/01/96	19:42:01	22.328	-8.6517	177.00624	56.99952	3.1053988	1.061		
11/01/96	19:43:01	22.349	-8.6625	178.00704	58.00032	3.06907	1.04		
11/01/96	19:44:01	22.371	-8.6517	179.0064	58.99968	3.0340232	1.018		
11/01/96	19:45:01	22.371	-8.6517	180.0072	60.00048	3.000096	1.018		
11/01/96	19:46:01	22.393	-8.6517	181.00656	60.99984	2.9673284	0.996		
11/01/96	19:47:01	22.436	-8.6517	182.00736	62.00064	2.9355723	0.953		

Aqtesolv Input Data

MW7L Drawdown-MW7L Constant Rate Test

pwrate

0.94

radius

0.17

tsdata

0	0	1
1.0008	11.5	1
2.00016	15.138	1
2.99952	16.7838	1
4.00032	18.0399	1
4.99968	19.1227	1
6.00048	19.7507	1
6.99984	20.1839	1
8.00064	20.552	1
9	20.6387	1
10.00656	21.0718	1
11.00736	21.3317	1
12.00672	21.3533	1
13.00608	21.8081	1
14.00688	21.7215	1
15.00624	22.1762	1
16.00704	21.9813	1
17.0064	22.3495	1
18.0072	22.3062	1
19.00656	22.58772	1
20.00736	22.47944	1
21.00672	22.60937	1
22.00608	22.76097	1
23.00688	22.80428	1
24.00624	22.97753	1
25.00704	22.93422	1
26.0064	23.02084	1
27.0072	23.08581	1
28.00656	23.12912	1
29.00736	22.97753	1
30.00672	22.91256	1
31.00608	22.91256	1
32.00688	22.93422	1
33.00624	22.99919	1
34.00704	23.02084	1
35.0064	22.97753	1
36.0072	23.08581	1
37.00656	23.0425	1
38.00736	23.10747	1
39.00672	23.12912	1
40.00608	23.17244	1
41.00688	23.19409	1
42.00624	23.21575	1
45.0072	23.36	1
50.00688	23.52	1
60.00624	23.75	1
80.0064	24.15	1
100.00656	24.5	1
120.00672	24.73	1

Aqtesolv Input Data

MW7L Recovery - MW7L Constant Rate Test

pwrate

0.94

trecoy

120.00672

tsdata

0	24.73	1
0.99936	11.175	1
2.00016	8.273	1
2.99952	6.995	1
4.00032	6.107	1
4.99968	5.393	1
6.00048	4.895	1
6.99984	4.44	1
8.00064	4.093	1
9	3.812	1
9.99936	3.595	1
11.00016	3.4	1
11.99952	3.227	1
13.00032	3.054	1
13.99968	2.924	1
15.00048	2.794	1
15.99984	2.686	1
17.00064	2.556	1
18	2.469	1
18.99936	2.382	1
20.00016	2.296	1
20.99952	2.231	1
22.00032	2.166	1
22.99968	2.101	1
24.00048	2.058	1
24.99984	1.993	1
26.00064	1.949	1
27	1.884	1
27.99936	1.841	1
29.00016	1.798	1
29.99952	1.733	1
31.00032	1.711	1
31.99968	1.668	1
33.00048	1.624	1
33.99984	1.581	1
35.00064	1.538	1
36	1.516	1
36.99936	1.473	1
38.00016	1.451	1
38.99952	1.408	1
40.00032	1.386	1
40.99968	1.365	1
42.00048	1.343	1
42.99984	1.321	1
44.00064	1.3	1
45	1.256	1
45.99936	1.235	1
47.00016	1.213	1
47.99952	1.191	1
49.00032	1.191	1
49.99968	1.191	1
51.00048	1.148	1
51.99984	1.126	1
53.00064	1.126	1
54	1.126	1
54.99936	1.105	1
56.00016	1.061	1
56.99952	1.061	1
58.00032	1.04	1
58.99968	1.018	1
60.00048	1.018	1
60.99984	0.996	1
62.00064	0.953	1