

STEP-DRAWDOWN TEST OF WELL LM-3680

Static Water Level = 29.85 Feet Above Land Surface		
$Q_1 = 390$ gpm		
Time (minutes)	Pumping Water Level (feet)	Drawdown (feet)
10	14.75	15.10
15	14.25	15.60
20	14.15	15.70
25	14.15	15.70
30	14.15	15.70
35	14.25	15.60
40	14.25	15.60
45	14.35	15.50
50	14.35	15.50
55	14.35	15.50
60	14.25	15.60
Specific Capacity = 24.8 gpm/ft		
$Q_2 = 610$ gpm		
Time (minutes)	Pumping Water Level (feet)	Drawdown (feet)
10	1.04	28.81
15	-.25	30.10
20	-.25	30.10
25	-.27	30.12
30	-1.00	30.85
35	-1.01	30.86
40	-1.05	30.90
45	-1.10	30.95
50	-1.07	30.92
55	-1.15	31.00
60	-1.16	31.01
Specific Capacity = 19.7 gpm/ft		

<b>Q<sub>3</sub> = 760 gpm</b>		
<b>Time (minutes)</b>	<b>Pumping Water Level (feet)</b>	<b>Drawdown (feet)</b>
5	-10.85	40.70
10	-10.85	40.70
15	-10.85	40.70
20	-10.85	40.70
25	-10.80	40.65
30	-10.80	40.65
35	-10.75	40.60
40	-10.75	40.60
45	-10.75	40.60
50	-10.75	40.60
55	-10.75	40.60
60	-10.75	40.60
<b>Specific Capacity = 18.7 gpm/ft</b>		
<b>Q<sub>4</sub> = 790 gpm</b>		
<b>Time (minutes)</b>	<b>Pumping Water Level (feet)</b>	<b>Drawdown (feet)</b>
10	12.85	42.70
15	12.55	42.40
20	15.15	45.00
25	15.10	44.95
30	14.95	44.80
35	14.95	44.80
40	15.05	44.90
45	15.15	45.00
50	15.15	45.00
55	15.15	45.00
60	15.15	45.00
<b>Specific Capacity = 17.6</b>		