

10 NOV 2009 PAM

ZZ = Zhiyong Zhong  
2010 who pulled  
data from reportsSECTION 201 9 AM TUES  
PUMP CHARACTERISTIC CURVES  
LOSSY PUMP (1/2 PIPE RUN)

LAB STATION	H <sub>pump</sub> (ft) as a function of Q (gpm)	Initials
1	$-1.8843Q^2 - 1.2073Q + 72.779$	BD
2	$-2.1251Q^2 + 0.257Q + 75.904$	Z.Z
3	$64.08Q^2 + 252.4Q + 156.6$	Z.Z
4	$-2.189Q^2 + 1.5398Q + 67.925$	Z.Z
5	$1.8747Q^2 - 2.0956Q + 90.187$	Z.Z
6	$H = -1.7619Q^2 - 1.2421Q + 73.707$	MJC
7	$-41.637Q^2 + 105.04Q + 282.12$	Z.Z
8	$-1.6542Q^2 - 0.1605Q + 78.709$	Z.Z

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SECTION LOZ 1PM TUES  
 Pump Characteristic Curves  
 Lossy Pump (1/2 pipe internal)

LAB STATION	$H_{\text{pump}}$ (ft) as a function of $Q$ gpm	Initials
1	$-1.9505 Q^2 + 0.22 Q + 72.199$	ZZ
2	$-2.5814 Q^2 + 2.156 Q + 75.532$	ZZ
3	not available	
4	$-2.278 Q^2 + 1.606 Q + 72.131$	ZZ
5	$-2.3924 Q^2 + 1.5941 Q + 75.639$	ZZ
6	$72.131 Q^2 + 0.88552 Q - 0.0651$	ZZ
7	$-1.765 Q^2 - 0.672 Q + 77.075$	ZZ
8	$-1.4452 Q^2 + 0.0448 Q + 59.647$	ZZ

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SECTION 403

3PM TUES

Pump Characteristic Curves

Lossy Pump

(1/2 pipe internal)

LAB STATION	H <sub>pump</sub> (ft) as a function of Q (gpm)	Initials
1	not available	
2	$-2.0697Q^2 - 3.7697Q + 71.68$	ZZ
3	$-1.7602Q^2 - 0.0594Q + 79.399$	ZZ
4	$-1.9449Q^2 + 0.1425Q + 76.97$	ZZ
5	<del></del>	<del></del>
6	<del></del>	<del></del>
7	<del></del>	<del></del>
8	<del></del>	<del></del>

Curve →

12 NOV 2009 FRI

SECTION 104

10 AM THURS

Pump Characteristic Curves

Lossy Pump

LAB STATION	H <sub>pump</sub> (ft) as a function of Q (gpm)	Units
1	$H = -0.0124(Q)^2 + 0.0058(Q) + 4.4496$	MG
2	$-2.0118Q^2 - 0.299Q + 72.561$	ZZ
3	$-1.6947Q^2 - 0.1902Q + 75.025$	ZZ
4	$-2.1573x^2 + 0.8311x + 79.027$	ZZ
5	$-1.925x^2 - 0.149x + 76.28$	ZZ
6	$-2.0249Q^2 - 0.062Q + 78.447$	ZZ
7	$-1.2198Q^2 - 3.6574Q + 81.482$	ZZ
8	$-1.7616Q^2 - 0.4172Q + 77.79$	ZZ

CM3215

#2

LABORATORY

DR. FAITH MORRISON

2009-

Composition Book

