

Location of Well 8991 Bellevue Heights Dubuque, IA 52003 T88N R3-4E			County Dubuque Township Mosalem Section 08 Quarters			Well Site Information Actual Size 7" Depth 265' Elevation SWL 161' 190' RPS @ 25 gpm 40 gpm Max GPM gpm			Pump Inst -- Sulfide -- Liner--ft Screen--					
Customer Information EB LYONS INTERPRETIVE CENTER 8991 Bellevue Heights Dubuque, IA 52003			Contact Date 4/8/2010 Confirmation Date			Made Water 179' - 183'; 203' - 205' Screen Size			Air Lift 190' @ 25 gpm, 215' @ 35 gpm -- To Exploratory Ft -- Mock Rock Acidize -- Well Use			Slot Size Riser Pipe Set From Perforated From		
Contact Information Home Ph: Work Ph: Cell Ph: Fax:			Best time to call: Email: Customer since: 4/8/2010 Referred By:			Rig Driller Gary Martin; Cert #: 3845 Driller 2 :			Tail Pipe					
Job Information Area T88N R3-4E Latitude Longitude PWTS # PWSID: 3126401 WL02 Permit Number 2010-0199W			Confirmation Start Date 5/5/2010 End Date 5/7/2010 Warranty Date Warranty			Remarks:								
Well Formation Log						Bore Log								
From-To		Color		Formation		From-To		Bit Size - Number						
0 - 7		Brown		Clay		0 - 18		12 1/4"						
7 - 14		Brown		Limestone		18 - 191		9 7/8"						
14 - 23		Brown		Limestone		191 - 265		6 1/4"						
23 - 25				Limestone										
25 - 31		Brown		Limestone										
31 - 35		Red		Clay										
35 - 83		Brown		Limestone										
83 - 115		Brown		Limestone										
115 - 135		Brown		Limestone										
135 - 139		Brown		Limestone										
139 - 145		Dark		Limestone										
		Brown												
145 - 155		Brown		Limestone										
155 - 159				Limestone										
159 - 161				Open										
161 - 180		Brown		Limestone										
180 - 190		Brown		Limestone										
190 - 199		Brown		Limestone										
199 - 203		Brown		Limestone										
203 - 205		Brown		Limestone										
205 - 219		Brown		Limestone										
219 - 244		Brown -		Limestone										
		Gray												
244 - 261		Brown		Limestone										
261 - 263		Blue		Shale										
263 - 265		Brown		Limestone										
Well Casing Log						Well Grout Used								
From-To		Casing				Amount		Type						
0 - 192.5		7" x .317" Steel				135 sacks		Neat Cement						
						10 sacks		High Early						
Screen Size								Set From						
Slot Size								Tail Pipe						
Riser Pipe														