

ECONOMIC COST DATA

Water Well (642)

OKLAHOMA

**Cost Data**

<u>Typical Implementation Scenario</u>			
<b>642.1 Well - Drilled, Cased</b>			
A hole drilled, dug, driven, bored, jetted or otherwise constructed to an aquifer.			
Part of a livestock watering system. This component consists of the creation of a hole by drilling, digging, boring, jetting, or other means to an aquifer and the installation of casing material to seal out undesirable surface or shallow ground water flow and to support the side of the hole through unstable earth materials. Wells must meet the criteria of the Oklahoma Water Resources Board and be drilled by a contractor having an OWRB issued license.			
Oklahoma practice standard 642, Water Well, shall be followed in the planning and installation of water wells. Casing materials shall be as specified in the standard.			
Data Source: 2006-2007 actual cost data			
Geographic Area:	Statewide		
Unit for Cost Estimate:	Foot		
Practice Life (Years):	20		
Discount Rate (%/Year):	5%		
			<u>Cost/Unit</u>
<b>Materials</b>			<b>\$18.67</b>
Materials cost includes complete installation.			
Well, Drilled and Cased	\$17	Foot	
Well Depth (feet):	150		
Well head protection, cement collar:	\$200		
Well Testing	\$50		
Total Cost Typical Installation	\$2,800.00		
<b>Equipment/Installation</b>			<b>\$0.00</b>
(Included in Materials Costs)			
<b>Labor</b>			<b>\$0.00</b>
(Included in Materials Costs)			
<b>Mobilization</b>			<b>\$0.00</b>
(Included in Materials Costs)			
<b>Operation &amp; Maintenance</b>			<b>\$0.19</b>
1% of Installation Costs			
<b>Acquisition of Technical Knowledge</b>			<b>\$0.00</b>
N/A			
<b>Forgone Income</b>			<b>\$0.00</b>
N/A			
<b>Risk</b>			<b>\$0.00</b>
N/A			
<b>Administration &amp; Permit Costs</b>			<b>\$0.00</b>
N/A			
<b>Total Cost Estimate:</b>			<b>\$18.85</b>

ECONOMIC COST DATA

Water Well (642)

OKLAHOMA

**Cost Data**

<u>Typical Implementation Scenario</u>			
<b>642.2 Well-Drilled, Cased, Shallow &lt;100 foot</b>			
This scenario is for a water well that is less than 100 foot in depth. Mobilization is a larger portion of the cost on the smaller well drilling jobs.			
Part of a livestock watering system. This component consists of the creation of a hole by drilling, digging, boring, jetting, or other means to an aquifer and the installation of casing material to seal out undesirable surface or shallow ground water flow and to support the side of the hole through unstable earth materials. Wells must meet the criteria of the Oklahoma Water Resources Board and be drilled by a contractor having an OWRB issued license.			
Oklahoma practice standard 642, Water Well, shall be followed in the planning and installation of water wells. Casing materials shall be as specified in the standard.			
Data Source: 2006-2007 actual cost data			
Geographic Area:	Statewide		
Unit for Cost Estimate:	Foot		
Practice Life (Years):	20		
Discount Rate (%/Year):	5%		
			<u>Cost/Unit</u>
<b>Materials</b>			\$1,525.00
Materials cost includes complete installation.			
Well, Drilled and Cased	\$17	Foot	
Well Depth (feet):	75		
Well head protection, cement collar:	\$200		
Well Testing	\$50		
Total Cost Typical Installation	\$1,525.00		
<b>Equipment/Installation</b>			\$0.00
(Included in Materials Costs)			
<b>Labor</b>			\$0.00
(Included in Materials Costs)			
<b>Mobilization</b>			\$152.50
10% - Mobilization on a shallow well is a larger percentage of the cost of the total job.			
<b>Operation &amp; Maintenance</b>			\$16.78
1% of Installation Costs			
<b>Acquisition of Technical Knowledge</b>			\$0.00
N/A			
<b>Forgone Income</b>			\$0.00
N/A			
<b>Risk</b>			\$0.00
N/A			
<b>Administration &amp; Permit Costs</b>			\$0.00
N/A			
<b>Total Cost Estimate:</b>			\$1,694.28