

Mesa Wireline LLC  
 2304 Logos Drive  
 Grand Junction, CO 81505

# Invoice

JUN 11 2010

Date	Invoice #
6/7/2010	20881

Bill To
Antero Resources Corp. 1625 17th St. Suite 300 Denver, CO 80202

Well Location
O'TOOLE A3 840-100 SEC 16 TWP 6S RGE 92W

S.O. No.	AFE#	Terms	Due Date
20881	O'TOOLEA3	Net 30	7/7/2010

Quantity	Description	Rate	Amount
1	1010 Set up (flat)	418.00	418.00
8,110	1020 Depth per FT (Minimum 5000')	0.06	486.60
1	1070 5K PSI Wireline Rams/Blow-out Preventer	250.00	250.00
1	2033 Pack off with grease equipment 0-1,000 psi	700.00	700.00
1	2041 Wellhead connection	115.00	115.00
1	Dump Bailer Squib	70.00	70.00
8,077	5010 Set plug depth (Minimum 2000')	0.10	807.70
1	5020 Set plug operations (Power Charge & Ignitor)	185.00	185.00
1	5040 Slow set power charge	220.00	220.00
2	Standard Cement Kit	50.00	100.00
8,110	6010 Junk basket/bailer depth (3000' min)	0.09	729.90
8,057	Dump Bailer Depth (per foot)	0.09	725.13
1	6020 Junk basket/Junk bailer operations	185.00	185.00
1	Dump Bailer operations	250.00	250.00

Thank you for your business!!

<b>Total</b>	<b>\$5,242.33</b>
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Mesa Wireline, LLC  
2304 Logos Drive  
Grand Junction, CO 81505  
Phone (970) 257-0458  
Fax (970) 257-0460

# SERVICE ORDER 20881

**Date:** 6/7/2010    **Terms:** NET 10  
**Charge To:** Antero Resources Corp.  
**API No:** OTOOLEA3  
**Address:** 1625 17TH ST SUITE 300  
DENVER, CO

**Well:** OTOOLE A3  
**Pad:** OTOOLE A  
**Field:** MAMM CREEK  
**County:** GARFIELD  
**State:** CO  
**Section:** 16  
**TWP:** 6S  
**Range:** 92W  
**Elev (ft):** 5,651.0

**KB (ft):** 16.0  
**Casing Size (in):** 5.5  
**Weight (lbs):** 17.00  
**Fluid Level (ft):** 0  
**Max Temp (°F):** 0  
**Customer TD (ft):** 8,110  
**Mesa Wireline TD (ft):** 8,110  
**Max. Wellhead Pressure (psi):** 0  
**Nearest Town:** RIFLE

Engineers  
Chance Pace

Operators  
Tagi Misa  
John McClain

Service Code Reference	Feet From	Feet To	Minimum Price	No. Feet or Units	Final Unit Price	Extended Price
1010 Service Charge (Setup flat)			418.00	1	418.00	418.00
1020 Depth per ft. (Minimum 5,000')	0	8110	300.00	8110	0.06	486.60
1070 5K PSI Wireline Rams / Blow-out Preventer				1	250.00	250.00
2033 Pressure Control Equipment 0 - 1,000'				1	700.00	700.00
2041 Wellhead Connection per Trip (5K)				1	115.00	115.00
4733 Dump Bailer Squib				1	70.00	70.00
5010 Set Plug Depth Charge (Minimum 3,000')	0	8077	300.00	8077	0.10	807.70
5020 Set Plug Operations (Power Charge & Ignitor)				1	185.00	185.00
5040 Slow Set Power Charge				1	220.00	220.00
5047 Standard Cement Kit (one sack)				2	50.00	100.00
6010 Junk Catcher Depth (per ft)	0	8110	270.00	8110	0.09	729.90
6011 Dump Bailer Depth (per foot)	0	8057	270.00	8057	0.09	725.13
6020 Junk Catcher operations				1	185.00	185.00
6030 Dump Bailer operations				1	250.00	250.00

Received the above service according to the general terms and conditions specified below, which we have read and to which we hereby agree.

**SUBTOTAL: \$5,242.33**  
**TAX:**  
**TOTAL: \$5,242.33**

Customer Representative: George H. Kartchner

Signature: George H. Kartchner  
6-7-2010

*Otoole A3*  
*840-100*  
*6-7-2010*

- All accounts are to be paid within the terms fixed by Mesa Wireline invoices, and should these terms not be observed, interest at the maximum rate allowed by law will be charged from the date of such invoice.
- Because of the uncertain conditions existing in a well which are beyond the control of Mesa Wireline, it is understood by the customer that Mesa Wireline cannot guarantee the results of their service and will not be held responsible for personal or property damage in the performance of their services.
- Should any Mesa Wireline instruments be lost or damaged in the performance of the operation requested, the customer agrees to make every reasonable effort to recover same, and to reimburse Mesa Wireline for the value of the items which cannot be recovered or the cost of repairing damage to items recovered.
- It is further understood and agreed that all depth measurements shall be supervised by the customer or its employees and customer hereby certifies that the zones, as shot, were approved.
- The customer certifies that it has the full right and authority to order such work on such well and that the well in which the work is to be done by Mesa Wireline is in proper and suitable conditions for the performance of said work.
- No employee is authorized to alter the terms or conditions of this agreement.