

Mesa Wireline LLC
2304 Logos Drive
Grand Junction, CO 81505

SEP 24 2010

Invoice

Date	Invoice #
9/21/2010	72218

Bill To
Antero Resources Corp. 1625 17th St. Suite 300 Denver, CO 80205

Well Location
MAVES A1 Stage 2 840-090 SEC 6 TWP 6S RGE 91W

S.O. No.	AFE#	Terms	Due Date
72218	MAVES A1	Net 30	10/21/2010

Quantity	Description	Rate	Amount
1	1010 Set up (flat)	418.00	418.00
1	8013 HSE Surcharge (Hazardous waste)	220.00	220.00
5,380	1020 Depth per FT (Minimum 5000')	0.06	322.80
1	1060 Crane	220.00	220.00
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	2042 Wellhead connection per Trip (10K)	250.00	250.00
5,310	4011 Perforating depth (Minimum 2000')	0.09	477.90
22	4511 Perforating length	43.00	946.00
8	4720 Perforating switches	55.00	440.00
9	4730 Perforating detonators	25.00	225.00
26	4740 Perforating charges (Minimum 10)	20.00	520.00
5,380	5010 Set plug depth (Minimum 2000')	0.10	538.00
1	5020 Set plug operations (Power Charge & Ignitor)	185.00	185.00
1	Owen 3.50" O.D. For 4-1/2" Casing	600.00	600.00
1	5031 Plug Shoot Adapter	125.00	125.00
1	5070 Baker #10 Setting Tool Rental	300.00	300.00

Thank you for your business!!

Total \$6,737.70



Mesa Wireline, LLC
2304 Logos Drive
Grand Junction, CO 81505
Phone (970) 257-0458
Fax (970) 257-0460

SERVICE ORDER 72218

Date: 9/21/2010 Terms: NET 10

Charge To: Antero Resources Corp.

API No: MAVESA1

Address: 1625 17TH ST SUITE 300
DENVER, CO

Well: MAVES A1 STAGE 2
Pad: MAVES A PAD
Field: WILDCAT
County: GARFIELD
State: CO
Section: 6
TWP: 6S
Range: 91W
Elev (ft): 5,771.0

KB (ft): 24.0
Casing Size (in): 4.5
Weight (lbs): 11.60
Fluid Level (ft): FULL
Max Temp (°F): 0
Customer TD (ft): 5,380
Mesa Wireline TD (ft): 5,380
Max. Wellhead Pressure (psi): 0
Nearest Town: SILT

Engineers

Michael Carpenter 3911

Operators

Kevin Holmes 3908

Thomas Aragon

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
1013 HSE Surcharge (Hazardous waste)			100.00	1	220.00	220.00
1020 Depth per ft. (Minimum 5,000')	0	5380	300.00	5380	0.06	322.80
1060 Crane				1	220.00	220.00
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
2042 Wellhead Connection per Trip (10K)				1	250.00	250.00
4011 Perforation Depth (per foot) Min 2000'	0	5310	270.00	5310	0.09	477.90
4511 Perforation Length 3-1/8" (per foot) Min 4'			43.00	22	43.00	946.00
4720 Select fire subs (switches)				8	55.00	440.00
4730 Detonator				9	25.00	225.00
4740 Charges 23 Gr. 3-1/8 or 4" (min 10)				26	20.00	520.00
5010 Set Plug Depth Charge (Minimum 3,000')	0	5380	300.00	5380	0.10	538.00
5020 Set Plug Operations (Power Charge & Ignitor)				1	185.00	185.00
5024 Owen 3.50" O.D. For 4-1/2" Casing (each)				1	600.00	600.00
5031 Plug Shoot Adapter				1	125.00	125.00
5070 Baker #10 Setting Tool Rental				1	300.00	300.00

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

Customer
Representative: _____

Signature: _____

SUBTOTAL: \$6,737.70

TAX:

TOTAL: \$6,737.70

MAVES A1

840-090

9-21-10

James Malone

- 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.