

Mesa Wireline LLC
2304 Logos Drive
Grand Junction, CO 81505

Invoice

Date	Invoice #
7/27/2011	52112

AUG 01 2011

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

Well Location
McPherson A4 SEC 17 TWP 6S RGE 92W

S.O. No.	AFE#	Terms	Due Date
52112	MCPHERSONA4	Net 30	8/26/2011

Quantity	Description	Rate	Amount
1	1010 Set up (flat)	418.00	418.00
1	8013 HSE Surcharge (Hazardous waste)	220.00	220.00
1	8012 Fuel Surcharge	200.00	200.00
8,100	1020 Depth per FT (Minimum 5000')	0.06	486.00
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	2041 Wellhead connection	115.00	115.00
4	Dump Bailer Squib	70.00	280.00
8,080	5010 Set plug depth (Minimum 2000')	0.10	808.00
1	5020 Set plug operations (Power Charge & Ignitor)	185.00	185.00
2	Standard Cement Kit	50.00	100.00
1	Owen 3 1/2 Compact/Shorty Setting Tool Rental	300.00	300.00
8,100	6010 Junk basket/bailer depth (3000' min)	0.09	729.00
8,080	Dump Bailer Depth (per foot)	0.09	727.20
1	6020 Junk basket/Junk bailer operations	185.00	185.00
2	Dump Bailer operations	250.00	500.00

Thank you for your business!!

Total

\$6,203.20



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

SERVICE ORDER 52112

Date: 7/27/2011 Terms: NET 10

Charge To: Antero Resources Corp.

API No: MCPHERSONA4

Address: 1625 17TH ST SUITE 300
DENVER, CO

Well: MCPHERSON A4
Pad: MCPHERSON A P
Field: MAMM CREEK
County: GARFIELD
State: CO
Section: 16
TWP: 6S
Range: 92W
Elev (ft): 5,448.0

KB (ft): 21.0
Casing Size (in): 5.5
Weight (lbs): 17.00
Fluid Level (ft): 5100
Max Temp (°F): 0
Customer TD (ft): 8,100
Mesa Wireline TD (ft): 8,100
Max. Wellhead Pressure (psi): 200
Nearest Town: RIFLE

Engineers

Michael Carpenter 3911

Operators

Thad Lindsay
Art Fisher 4341

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 (Specialty Safety Equipment/Requirements)			220.00	1	220.00	220.00
1014 Fuel Surcharge (Fuel Above \$4.01 per Gal)				1	200.00	200.00
1020 Depth per ft. (Minimum 5,000')	0	8100	300.00	8100	0.06	486.00
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
2041 Wellhead Connection per Trip (5K)				1	115.00	115.00
4733 Dump Bailer Squib				4	70.00	280.00
5010 Set Plug Depth Charge (Minimum 3,000')	0	8080	300.00	8080	0.10	808.00
5020 Set Plug Operations (Power Charge & Ignitor)				1	185.00	185.00
5047 Standard Cement Kit (one sack)				2	50.00	100.00
5080 Owen 3-1/2" Compact/Shorty Setting Tool Rental				1	300.00	300.00
6010 Junk Catcher Depth (per ft)	0	8100	270.00	8100	0.09	729.00
6011 Dump Bailer Depth (per foot)	0	8080	270.00	8080	0.09	727.20
6020 Junk Catcher operations				1	185.00	185.00
6030 Dump Bailer operations				2	250.00	500.00

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:

McPherson A4
840/100
7-27-11

SUBTOTAL: \$6,203.20

TAX:

TOTAL: \$6,203.20

JCR

- 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.