

Mesa Wireline LLC
2304 Logos Drive
Grand Junction, CO 81505

Invoice

JUL 19 2010

Date	Invoice #
7/14/2010	31832

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

Well Location
CASTLE SPRINGS FED 12-07 840-100 SEC 8 TWP 7S RGE 91W

S.O. No.	AFE#	Terms	Due Date
31832	CSF12	Net 30	8/13/2010

Quantity	Description	Rate	Amount
1	1010 Set up (flat)	418.00	418.00
6,416	1020 Depth per FT (Minimum 5000')	0.06	384.96
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
6,416	3111 Temperature log depth (Minimum 3000')	0.10	641.60
6,416	3121 Cement bond log depth (Minimum 3000')	0.18	1,154.88
6,416	3131 Gamma ray log depth (Minimum 3000')	0.06	384.96
6,416	3211 Temperature log operations (Minimum 3000')	0.04	256.64
2,000	3221 Cement bond log operations (Minimum 3000')	0.18	360.00
6,416	3231 Gamma ray log operations (Minimum 3000')	0.06	384.96
1	Dump Bailer Squib	70.00	70.00
5,420	5010 Set plug depth (Minimum 2000')	0.10	542.00
1	5020 Set plug operations (Power Charge & Ignitor)	185.00	185.00
2	Standard Cement Kit	50.00	100.00
6,416	6010 Junk basket/bailer depth (3000' min)	0.09	577.44
5,420	Dump Bailer Depth (per foot)	0.09	487.80
1	6020 Junk basket/Junk bailer operations	185.00	185.00
1	Dump Bailer operations	250.00	250.00

Thank you for your business!!

Total \$7,448.24



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

SERVICE ORDER 31832

Date: 7/14/2010 Terms: NET 10

Charge To: Antero Resources Corp.

API No: CSF12

Address: 1625 17TH ST SUITE 300
DENVER, CO

Well: CASTLE SPRINGS FED. 12-07

Pad:

Field: DIVIDE CREEK

County: GARFIELD

State: CO

Section: 8

TWP: 7S

Range: 91W

Elev (ft): 6,465.0

KB (ft): 14.0

Casing Size (in): 4.5

Weight (lbs): 11.60

Fluid Level (ft): 2690

Max Temp (°F):

Customer TD (ft): 6,416

Mesa Wireline TD (ft): 6,416

Max. Wellhead Pressure (psi): 0

Nearest Town: SILT

Engineers

Jeremy Arfsten 3722

Dennis Solis 3521

Operators

Jesse Campbell

Ryan Hamm 4292

Jason Elswick

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	6416	300.00	6416	0.06	384.96
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
3111 Logging Depth Temp in comb (3K" min)	0	6416	80.00	6416	0.10	641.60
3121 Logging Depth CBL/VDL comb (3,000' min)	0	6416	360.00	6416	0.18	1,154.88
3131 Logging Depth Gamma Ray comb (3,000' min)	0	6416	120.00	6416	0.06	384.96
3211 Logging Operation Temp in Comb 3,000' min)	0	6416	80.00	6416	0.04	256.64
3221 Logging Op CBL/VDL comb (3,000' min)	0	816	360.00	816	0.18	360.00
3231 Logging Op Gamma Ray comb(2,000' min)	0	6416	120.00	6416	0.06	384.96
4733 Dump Bailer Squib				1	70.00	70.00
5010 Set Plug Depth Charge (Minimum 3,000')	0	5420	300.00	5420	0.10	542.00
5020 Set Plug Operations (Power Charge & Ignitor)				1	185.00	185.00
5047 Standard Cement Kit (one sack)				2	50.00	100.00
6010 Junk Catcher Depth (per ft)	0	6416	270.00	6416	0.09	577.44
6011 Dump Bailer Depth (per foot)	0	5420	270.00	5420	0.09	487.80
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: \$7,448.24

TAX:

TOTAL: \$7,448.24

Customer

Representative: George Kartchner

Signature: George H. Kartchner

CSF 12B-08-07-91

AFF: 12B080791

840-100

7-14-10

- 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.