



Mesa Wireline
2304 Logos Drive
Grand Junction, CO 81505

Service Order #
T-A70-397-E68C

Date: 9/26/2012

Terms: NET 10

Charge To:

API / AFE No:

Address: Encana Oil & Gas (USA) Inc
2717 County Road 215 STE 100
Parachute, CO

Well: FEDERAL D17-7-94S
Pad: FEDERAL D16
Field: RULLISON
County: GARFIELD
State: CO
Section: 16
TWP: 7S
Range: 94W
Elev. (ft): 7104

KB (ft): 22
Casing Size (in): 4.5
Weight (lbs):
Fluid Level (ft): 0
Max Temp (°F):
Customer TD (ft): 6090
Mesa Wire TD (ft): 6090
Max. Wellhead Pressure (psi): 0
Nearest Town: RULLISON

CREW MEMBERS

Engineer		Operator	
Name	EXP #	Name	EXP #
John McClain		AJ Martin	
		Devin Garcia	
		Jason McCole	

EQUIPMENT ITEMS

Service Code Reference	Quantity	Unit Price	Discount	Ext. Amount
1010 Service Charge (Set up flat)	1.00		0.00 %	
1014 Fuel Surcharge (Fuel Above \$4.01per Gal)	1.00		0.00 %	
1020 Depth per FT (Minimum 5000')	6,090.00		0.00 %	
1070 5K PSI Wireline Rams/Blow-out Preventer	1.00		0.00 %	
2033 Pressure Control Equipment 0-1,000 PSI	1.00		0.00 %	
2041 Wellhead Connection per Trip (5K)	1.00		0.00 %	
5047 Standard Cement Kit	8.00		0.00 %	
6010 Junk Catcher Depth (per foot)	6,090.00		0.00 %	
6020 Junk Catcher Operations	1.00		0.00 %	
6030 Dump Bailer Operations	2.00		0.00 %	
6011 Dump Bailer Depth (per foot)	6,090.00		0.00 %	
6011 Dump Bailer Depth (per foot)	6,080.00		0.00 %	
4733 Dump Bailer Squib	2.00		0.00 %	

Well: FEDERAL D17-7-94S
Pad: FEDERAL D16
Code: 3950.660
AFE: 12168800
Date: 9/26/2012

Total:

Karl Biermann

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

Disclaimer

- All accounts are to be paid within the terms fixed by Cutlers Wireline Group 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 Cutlers Wireline Group, it is understood by the customer that Cutlers Wireline Group 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 Cutlers Wireline Group 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 Cutlers Wireline Group 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 Cutlers Wireline Group 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.



Mesa Wireline
2304 Logos Drive
Grand Junction, CO 81505

Service Order #
T-A70-B8A-C8C2

Date: 9/26/2012

Terms: NET 10

Charge To:

API / AFE No:

Address: Encana Oil & Gas (USA) Inc
2717 County Road 215 STE 100
Parachute, CO

Well: FEDERAL D17-7-94S
Pad: FEDERAL D16
Field: RULLISON
County: GARFIELD
State: CO
Section: 16
TWP: 7S
Range: 94W
Elev. (ft): 7104

KB (ft): 24
Casing Size (in): 4.5
Weight (lbs): 11.6
Fluid Level (ft): 0
Max Temp (°F):
Customer TD (ft): 5423
Mesa Wire TD (ft): 5423
Max. Wellhead Pressure (psi): 0
Nearest Town: RULLISON

CREW MEMBERS

Engineer		Operator	
Name	EXP #	Name	EXP #
John McClain		AJ Martin	
		Devin Garcia	
		Jason McCole	

EQUIPMENT ITEMS

Service Code Reference	Quantity	Unit Price	Discount	Ext. Amount
1010 Service Charge (Set up flat)	1.00		0.00 %	
1014 Fuel Surcharge (Fuel Above \$4.01 per Gal)	1.00		0.00 %	
1020 Depth per FT (Minimum 5000')	5,423.00		0.00 %	
2033 Pressure Control Equipment 0-1,000 PSI	1.00		0.00 %	
2041 Wellhead Connection per Trip (5K)	1.00		0.00 %	
4011 Perforating Depth (Minimum 2000')	5,423.00		0.00 %	
4511 Perforating length	3.00		0.00 %	
4730 Perforating Detonators	1.00		0.00 %	
4740 Charges 23 Gr. 3-1/8 or 4" (min 10)	4.00		0.00 %	
5010 Set plug depth (Minimum 2000')	5,323.00		0.00 %	
5040 Slow set power charge	1.00		0.00 %	
5070 Baker #10 Setting Tool Rental	1.00		0.00 %	

Well: FEDERAL D17-7-94S
Pad: FEDERAL D16
Code: 8950.660
AFE: 12168800
Date: 9/26/2012

Total:

Karl Biermann

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

Disclaimer

- All accounts are to be paid within the terms fixed by Cutlers Wireline Group 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 Cutlers Wireline Group, it is understood by the customer that Cutlers Wireline Group 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 Cutlers Wireline Group 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 Cutlers Wireline Group 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 Cutlers Wireline Group 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.



Mesa Wireline
2304 Logos Drive
Grand Junction, CO 81505

Service Order #
T-A71-5A0-549E

Date: 9/28/2012

Terms: NET 10

Charge To:

API / AFE No:

Address: Encana Oil & Gas (USA) Inc
2717 County Road 215 STE 100
Parachute, CO

Well: FEDERAL D17-7-94S
Pad: FEDERAL D16
Field: RULLISON
County: GARFIELD
State: CO
Section: 16
TWP: 7S
Range: 94W
Elev. (ft): 7104

KB (ft):
Casing Size (in):
Weight (lbs):
Fluid Level (ft):
Max Temp (*F):
Customer TD (ft):
Mesa Wire TD (ft):
Max. Wellhead Pressure (psi):
Nearest Town: RULLISON

CREW MEMBERS

Engineer		Operator	
Name	EXP #	Name	EXP #
John McClain		AJ Martin	
Mike Bernatchez		Devin Garcia	

EQUIPMENT ITEMS

Service Code Reference	Quantity	Unit Price	Discount	Ext. Amount
1010 Service Charge (Set up flat)	1.00		0.00 %	
1014 Fuel Surcharge (Fuel Above \$4.01 per Gal)	1.00		0.00 %	
1020 Depth per FT (Minimum 5000')	5,323.00		0.00 %	
1070 5K PSI Wireline Rams/Blow-out Preventer	1.00		0.00 %	
3111 Logging Depth Temp in combination (2,000' min)	5,314.00		0.00 %	
3121 Cement Bond Log depth in combination (Minimum 2000')	5,314.00		0.00 %	
3131 Logging Depth Gamma Ray in combination (2,000' min)	5,314.00		0.00 %	
3211 Logging Operation Temp in Combination (2,000' min)	5,314.00		0.00 %	
3221 Logging Operation Cement Bond Log/VDL In Combination (2,000' min)	5,314.00		0.00 %	
3231 Logging Operation Gamma Ray in Combination (2,000' min)	5,314.00		0.00 %	
2033 Pressure Control Equipment 0-1,000 PSI	1.00		0.00 %	
2042 Wellhead Connection per Trip (10K)	1.00		0.00 %	
4011 Perforating Depth (Minimum 2000')	5,313.00		0.00 %	
4511 Perforating length	4.00		0.00 %	
4730 Perforating Detonators	1.00		0.00 %	
4740 Charges 23 Gr. 3-1/8 or 4" (min 10)	10.00		0.00 %	
5010 Set plug depth (Minimum 2000')	1.00		0.00 %	
5040 Slow set power charge	1.00		0.00 %	
5070 Baker #10 Setting Tool Rental	1.00		0.00 %	

Well: FEDERAL D17-7-94S

Total:

Disclaimer

- All accounts are to be paid within the terms fixed by Cutters Wireline Group 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 Cutters Wireline Group, it is understood by the customer that Cutters Wireline Group 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 Cutters Wireline Group 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 Cutters Wireline Group 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 Cutters Wireline Group 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.



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

SERVICE ORDER 62245

Date: 10/1/2012 Terms: NET 10
Charge To: Encana Oil & Gas - South Piceance
API/AFE No: 12168800
Address: 2717 County Road 215 Suite 100
Parachute, CO 81635-

Well: FEDERAL D16-7+9S
Pad: RD-16
Field: RULISON
County: GARFIELD
State: CO
Section: 16
TWP: 7S
Range: 94W
Elev (ft): 7,091.0

KB (ft): 14.0
Casing Size (in): 4.5
Weight (lbs): 11.60
Fluid Level (ft): FULL
Max Temp (°F): 147
Customer TD (ft): 4,775
Mesa Wireline TD (ft): 4,775
Max. Wellhead Pressure (psi): 0
Nearest Town: RULISON

Engineers
Louis Mavros 4342

Operators
Joshua Tooker
Kelly Happy
Thomas Garrett

Service Code Reference	Feet From	Feet To	Minimum Price	No. Feet or Units	Final Unit Price	Extended Price
1010 Service Charge (Setup flat)				1		
1014 Fuel Surcharge (Fuel Above \$4.01 per Gal)				1		
1020 Depth per ft. (Minimum 5,000')	0	4775		4775		
1070 5K PSI Wireline Rams / Blow-out Preventer				1		
2011 Pack Off Only 0 - 1,000 psi				1		
2041 Wellhead Connection per Trip (5K)				1		
3111 Logging Depth Temp in comb (min charge 2-3k)	1900	4775		2875		
3121 Logging Depth CBL/VDL comb (min charge 2-3k)	1900	4775		2875		
3131 Logging Depth Gamma Ray comb (min charge 2-3k)	1900	4775		2875		
3211 Logging Operation Temp In Combination (min charge 2-3k)	1900	4775		2875		
3221 Logging Operation CBL/VDL Combination (min charge 2-3k)	1900	4775		2875		
3231 Logging Operation Gamma Ray Combination (min charge 2k)	1900	4775		2875		
4011 Perforation Depth (per foot) (2-3K min)	0	1053		1053		
4511 Perforation Length 3-1/8" (per foot) Min 4'				3		
4730 Detonator				1		
4740 Charges 23 Gr. 3-1/8 or 4" (min 10)				4		

Well: FEDERAL D16-7+9S

Pad: RD-16

Code: ~~8720.368~~ 8950.660

AFE: 12168800

Date: 01-Oct-12

Cost:

Karl Biermann

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:

John Schmitt

Signature:

John Schmitt

SUBTOTAL:

TAX:

TOTAL:

- 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