


Company:	BLACK RAVEN ENERGY INC			 J-W WIRELINE COMPANY 1-877-457-0013 wireline@jwenergy.com http://www.jwenergy.com/j-w-wireline-company	Date:	10/29/2013
Address:	1331 17TH ST STE 350 DENVER, CO 80202-1566				SO No:	07-32-000517-3362
Well Name:	LAUGHLIN #4				District:	Brighton, CO
Field Name:	ADENA				Truck No:	A-2405
Well County:	MORGAN				Crane:	
Well State:	CO				Crew: Mark Hayes - COMPLETIONS ENGINEER 2 Shawn Erb - OPERATOR Brad Coleman - OPERATOR	
Customer #:		PO #:				
Contract #:		AFE #:				
Property #:						

JOB DATA

Casing Size/Weight: 4.500/	TD of Casing:	From (depth) ft:	To (depth) ft:
Tubing Size/Weight: /	TD of Tubing:	From (depth) ft:	To (depth) ft:
Well Deviation:	Fluid Level:	Fluid Type:	Fluid Density:
BH Pressure:	WH Pressure:	BH Temp:	
Section/Township/Range: 7-1N-57W		Lat/Long: /	X/Y Coordinates: 0.000000/0.000000
Log Measured from: K B	Log Interval:		
Arrival Time @ 10/29/2013 7:05 AM	Departure Time @ 10/29/2013 12:05 PM	Total Job Time: 05:00	
Well to JW @ 10/29/2013 7:05 AM	Well to Customer @ 10/29/2013 12:05 PM	Total Operating Time: 05:00	

SERVICE ORDER DETAILS

Item #	Service Code	Description	Qty/Depth	Unit Price	Per	Line Total	Cust. Price
1	WLE8-0018	Environmental Fee	1	\$250.00	Per Job	\$250.00	\$250.00
2	WLE8-0009	Wellsite Setup Charge	6000	\$0.25	Per Foot	\$1,500.00	\$1,500.00
3	WLE2-0005	Gamma Ray/CBL/VOL/CCL Depth Charge	5000	\$0.65	Per Foot	\$3,250.00	\$3,250.00
4	WLE2-0006	Gamma Ray/CBL/VOL/CCL Logging Charge	2000	\$0.65	Per Foot	\$1,300.00	\$1,300.00

Total Discountable Items:	\$6,050.00
Discount:	(\$4,550.00)
Discountable SubTotal:	\$1,500.00
Total Non-Discountable Items:	\$250.00
Sales Tax: (0.00 %)	\$0.00
Grand Total:	\$1,750.00

The undersigned ("Company") agrees to pay J-W Wireline Company ("Contractor") for the operations to be conducted, or personnel or equipment listed above ("Services") at P.O. Box 226406, Dallas, Texas 75222-6406. The Services shall only be provided according to the Contractor's general terms and conditions ("Terms") as contained in part on the other side of this Purchase Order and as more fully set forth at www.jwenergy.com/pages/wireline-terms and upon request. THESE TERMS CONTAIN PROVISIONS RELATING TO INDEMNITY, RELEASE OF LIABILITY, LIMITATION OF WARRANTY AND ALLOCATION OF RISK.

Print Name	Signature <i>BRH</i>	Date <i>10-29-13</i>
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