

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:	12/17/2012
Address:	1331 17TH ST STE 350 DENVER, CO 80202-1566			SO No:	07-19-000444-3481
Well Name:	CLAR B-1			District:	Sterling, CO
Field Name:	ADENA			Truck No:	A-2400
Well County:	MORGAN			Crane:	
Well State:	CO			Crew:	
Customer #:	PO #:			Filiberto Lopez - COMPLETIONS ENGINEER 1	
Contract #:	AFE #:			Nathan Lechman - OPERATOR	
Property #:				Jose Moreno - OPERATOR	

JOB DATA			
Casing Size/Weight: 5.500/	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:	Fluid Salinity:
Section/Township/Range:	Lat/Long: /	X/Y Coordinates: 0.000000/0.000000	
Log Measured from:	Log Interval:		
Arrival Time @ 12/17/2012 10:15 AM	Departure Time @ 12/17/2012 6:00 PM	Total Job Time: 07:45	
Well to JW @ 12/17/2012 10:30 AM	Well to Customer @ 12/17/2012 12/17/2012	Total Operating Time: 07:00	

SERVICE ORDER DETAILS								
Item #	Service Code	Description	Qty/Depth	Unit Price	Per	Line Total	Cust. Price	
1	WLE8-0009	Wellsite Setup Charge	6000	\$0.25	Per Foot	\$1,500.00	\$450.00	
2	WLE2-0005	Gamma Ray/CBL/VDL/CCL Depth Charge	5678	\$0.65	Per Foot	\$3,690.70	\$0.00	
3	WLE2-0006	Gamma Ray/CBL/VDL/CCL Logging Charge	2000	\$0.65	Per Foot	\$1,300.00	\$0.00	
4	WLE6-0001	Bridge Plug Setting Depth Charge	5648	\$0.32	Per Foot	\$1,807.36	\$542.21	
5	WLE6-0002	Bridge Plug Setting Operation Charge	1	\$650.00	Per Run	\$650.00	\$195.00	
6	WLE6-0008	Cast Iron Bridge Plug (2" - 5 1/2")	1	\$1,200.00	Per Each	\$1,200.00	\$360.00	
7	WLE4-0010	Dump Bail General Depth Charge	5648	\$0.22	Per Foot	\$1,242.56	\$372.77	
8	WLE4-0011	Dump Bail General Operations Charge *** Non-discountable items ***	1	\$400.00	Per Run	\$400.00	\$120.00	
9	WLE8-0018	Environmental Fee	1	\$250.00	Per Job	\$250.00	\$250.00	

Bond log from 5678' to 4000' Set 5.50" CIBP @ 5648' Dump 2 sks cement @ 5648'	Total Discountable Items:	\$11,790.62
	Discount:	(\$9,750.64)
	Discountable SubTotal:	\$2,039.98
	Total Non-Discountable Items:	\$250.00
	Sales Tax: (0.00 %)	\$0.00
Grand Total:		\$2,289.98

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>BAH</i>	Date <i>12-17-12</i>
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