

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:	12/05/2013
Address:	1331 17TH ST STE 350 DENVER, CO 80202-1566			SO No:	07-19-000444-3711
Well Name:	LAUGHLIN #4			District:	Sterling, CO
Field Name:	ADENA			Truck No:	A-2400
Well County:	MORGAN			Crane:	
Well State:	CO			Crew: Filiberto Lopez - COMPLETIONS ENGINEER 2 Nathan Lechman - OPERATOR 2 Jose Moreno - OPERATOR 2	
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 Salinity:
BH Pressure:	WH Pressure:	BH Temp:	
Section/Township/Range: 7-1N-57W	Lat/Long: /	X/Y Coordinates: /	
Log Measured from:	Log Interval:		
Arrival Time @ 12/5/2013 10:30 AM	Departure Time @ 12/5/2013 12:00 PM	Total Job Time: 01:30	
Well to JW @ 12/5/2013 10:45 AM	Well to Customer @ 12/5/2013 11:45 AM	Total Operating Time: 01:00	

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	\$1,500.00
2	WLE8-0018	Environmental Fee	1	\$250.00	Per Job	\$250.00	\$250.00
3	WLE5-0170	Casing - Slick Guns - 3 1/8" OD (Depth Charge)	5630	\$0.20	Per Ft	\$1,126.00	\$1,126.00
4	WLE5-0172	Casing - Slick Guns - 3 1/8" OD (Blanks Charge)	0	\$17.00	Per Shot	\$0.00	\$0.00
5	WLE5-0174	Casing - Slick Guns - 3 1/8" OD (Operations Charge)	164	\$45.00	Per Shot	\$7,380.00	\$7,380.00

SHOOTING DEPTHS: Perf intervals 5601' to 5630' 29' net, 6 spf, .40" EHD, 42.79" Pene. 164 total shots, 19 gm charge	Total Discountable Items:	\$10,006.00
	Discount:	(\$7,006.00)
	Discountable SubTotal:	\$3,000.00
	Total Non-Discountable Items:	\$250.00
	Sales Tax: (0.00 %)	\$0.00
	Grand Total:	\$3,250.00

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>12-5-13</i>
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