


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: 12/16/2013
Address: 1331 17TH ST STE 350 DENVER, CO 80202-1566			SO No: 07-19-000501-3368
Well Name: GLENN D-3			District: Sterling, CO
Field Name: GLENN AREA			Truck No: A-2337
Well County: MORGAN			Crane:
Well State: CO			Crew: Scott Erb - OPERATOR 1 Kyle Girdler - COMPLETIONS ENGINEER 2 Billy Vandagriff - OPERATOR 2
Customer #:	PO #:		
Contract #:	AFE #:		
Property #:			

JOB DATA

Casing Size/Weight: /		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:	Fluid Salinity:
BH Pressure:	WH Pressure:	BH Temp:		
Section/Township/Range:		Lat/Long: /	X/Y Coordinates: /	
Log Measured from:		Log Interval:		
Arrival Time @ 12/16/2013 8:45 AM		Departure Time @ 12/16/2013 12:45 PM	Total Job Time: 04:00	
Well to JW @ 12/16/2013 8:45 AM		Well to Customer @ 12/16/2013 12:45 PM	Total Operating Time: 04:00	

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	WLE2-0005	Gamma Ray/CBL/VDL/CCL Depth Charge	5560	\$0.65	Per Foot	\$3,614.00	\$3,614.00
4	WLE2-0006	Gamma Ray/CBL/VDL/CCL Logging Charge	2000	\$0.65	Per Foot	\$1,300.00	\$1,300.00
5	WLE5-0170	Casing - Slick Guns - 3 1/8" OD (Depth Charge)	5536	\$0.20	Per Ft	\$1,107.20	\$1,107.20
6	WLE5-0172	Casing - Slick Guns - 3 1/8" OD (Blanks Charge)	0	\$17.00	Per Shot	\$0.00	\$0.00
7	WLE5-0174	Casing - Slick Guns - 3 1/8" OD (Operations Charge)	144	\$45.00	Per Shot	\$6,480.00	\$6,480.00
8	WLE7-0006	Flange, Head Catcher, or Connections	1	\$275.00	Per Run	\$275.00	\$275.00
9	WLE7-0021	Standard Packoff (0-1000 psi)	1	\$550.00	Per Run	\$550.00	\$550.00

5512-5536
6spf

Total Discountable Items:	\$14,826.20
Discount:	(\$8,747.46)
Discountable SubTotal:	\$6,078.74
Total Non-Discountable Items:	\$250.00
Sales Tax: (0.00 %)	\$0.00
Grand Total:	\$6,328.74

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 Billy Hataway	Signature BRH	Date 12-16-13
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