



| | | |
|-----------------|---------|--------------|
| PAGE | CUST NO | INVOICE DATE |
| 1 of 1 | 1007359 | 12/18/2013 |
| INVOICE NUMBER | | |
| 1724 - 91363104 | | |

FT Morgan - 970-867-2766

B BLACK RAVEN ENERGY INC
 I 1331 17TH ST STE 350
 L DENVER
 L CO US 80202
 T
 O ATTN:

Received - Denver
 DEC 22 2013
 ACCOUNTS PAYABLE
 Black Raven Energy, Inc.

J
O
B
S
I
T
E
 LEASE NAME NICHOLS #2
 LOCATION
 COUNTY MORGAN
 STATE CO
 JOB DESCRIPTION Acid-Form Stim-Producing
 JOB CONTACT

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
|----------|-------------|--------------------|---------------|------------|
| 40672876 | 70291-0 | | Net - 30 days | 01/17/2014 |

| | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
|--|--------|--------|------------|----------------|
| For Service Dates: 12/18/2013 to 12/18/2013 | | | | |
| 0040672876 | | | | |
| 172415570F Acid-Form Stim-Producing 12/18/2013 | | | | |
| NE-9 | 3.00 | EA | 53.42 | 160.26 |
| KCL | 2.00 | EA | 118.18 | 236.36 |
| MAVHIB 7 | 3.00 | EA | 51.60 | 154.81 |
| S-1 | 1.50 | EA | 23.39 | 35.09 |
| MAVCIDE II | 1.00 | EA | 71.10 | 71.10 |
| IC-100 | 12.00 | EA | 10.25 | 123.02 |
| PC-1 | 1.00 | EA | 34.08 | 34.08 |
| 10% ACETIC ACID | 500.00 | GAL | 2.44 | 1,221.77 |
| HEAVY EQUIPMENT MILEAGE | 40.00 | MI | 3.32 | 132.63 |
| LIGHT EQUIPMENT MILEAGE | 40.00 | HR | 1.84 | 73.72 |
| ACID/KILL PUMP | 1.00 | EA | 331.15 | 331.15 |
| ACID SEMI TRAILER | 4.00 | EA | 93.88 | 375.53 |
| TREATER | 1.00 | HR | 189.23 | 189.23 |
| OPERATOR | 2.00 | HR | 94.62 | 189.23 |

Acid Job
5070/638
ape
12-26-13
ICL-30-200
BRH

| | | | |
|---------------------------|-------------------------------|---------------|----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 3,327.98 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 0.00 |
| PO BOX 841903 | 801 CHERRY ST, STE 2100 | INVOICE TOTAL | 3,327.98 |
| DALLAS, TX 75284-1903 | FORT WORTH, TX 76102 | | |

12/19/13

CUSTOMER OR HIS AGENT SIGNATURE

Date: 18-Dec-13

| | | | |
|--|----------------------|--------------------------------|---|
| Well Name: NICHOLS #2 | Location: | Customer Rep: BILLY HATAWAY | Field Order # 15570 |
| Stage: | Formation: D-SAND | Treat Via: TUBING | Allowable Pressure Tbg 5,000 Csg Well Type: OIL |
| County: MORGAB | State: CO | Well Age: REWORK | PackerType: PackerDepth: Csg Size: 5.5 |
| Type Of Service: ACID | Csg Depth 28 | Tbg Size: 2.375 | Tbg Depth: Liner Size: |
| Customer Name: BLACK RAVEN | Liner Depth: | Liner Top: | Liner Bot: Total Depth: |
| Address: | Open Hole: | Csg Vol: 22.65 | BHT: |
| Remarks: SAFETY MEETING PRESSURE TEST TO PSI | Perf Depths: 5627 | Perfs: 5632 | TotalPerfs: 0 |
| | | 0 | |
| | | 0 | |
| | | 0 | |
| | | 0 | |
| | | 0 | |
| | | 0 | |

| TIME | INJECTION RATE | | PRESSURE | | REMARKS | PROP (lbs) | FOAM/FLD (gls) | FLUID (bbls) |
|---------------|----------------|--------|----------|---------|---------------------------|------------|----------------|--------------|
| | FLUID | N2/CO2 | STP | ANNULUS | | | | |
| 9:09 | 0.7 | | 300 | | SAFETY MEETING | 0 | 0 | 0.0 |
| 9:09 | 0.1 | | 320 | | PRESSURE TEST TO 5100 PSI | 0 | 0 | 0.0 |
| 9:11 | 0.0 | | 66 | | START PUMPING ACID | 0 | 546 | 13.0 |
| 9:14 | 4.7 | | 32 | | START FLUSH | 0 | 882 | 21.0 |
| 9:20 | 0.0 | | 126 | | STOP PUMPING | 0 | 0 | 0.0 |
| Total: | | | | | | 0 | 1,428 | 34.0 |

Summary

| | | | |
|--------------|--------------|---------|---------|
| Max Fl. Rate | Avg Fl. Rate | Max Psi | Avg Psi |
| 4.7 | 4.1 | 5,123 | 1,539 |

Customer Acknowledgement:

Service Rating:

☐ Satisfactory
☐ Unsatisfactory

Treater:

JOHN CASTEEL

PRODUCTS USED

NE-9,KCL,MAVHIB-7,S-1.MAVCIDE-II,IC-100,PC-1,10 % ACETIC ACID

Billy Hataway

BLACK RAVEN

NICHOLS # 2 - FORMATION - ACID

