



# BISON

Bison Oil Well Cementing Inc.  
1547 Gaylord Street  
Denver, CO 80206  
303-296-3010

## Invoice

| Date     | Invoice # |
|----------|-----------|
| 7/4/2013 | 12003     |

| Bill To   |
|---|
| Noble Energy Inc.<br>Attn: Accounting<br>1625 Broadway Ste 2000<br>Denver, CO 80202 |

| Location             | Well Name & No.          | Terms  | Job Type     |      |        |
|----------------------|--------------------------|--------|--------------|------|--------|
| Weld CO              | Robin LD 04-67-IHN       | Net 30 | Surface Pipe |      |        |
| Item                 | Description              | Qty    | U/M          | Rate | Amount |
| Pump surface         | PUMP Charge-surface pipe | 1      |              |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| MILEAGE              | Mileage charge           | 480    |              |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| Data Acquisition ... | Data Acquisition Charge  | 1      |              |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
|                      | Subtotal of Services     |        |              |      |        |
| BFN III Summer ...   | BFN III Blend-Lead       | 413    | Sack         |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| BFN III Summer ...   | BFN III Blend-Tail       | 100    | Sack         |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| KCL Mud Flush        | (BHS 117)                | 4      | qt           |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| Sugar                | Sugar                    | 50     | lb           |      |        |
|                      | Subtotal of Materials    |        |              |      |        |

Please Remit Payment To:

Bison Oil Well Cementing, Inc.  
P.O. Box 29671  
Thornton, CO 80229

|             |  |
|-------------|--|
| Subtotal    |  |
| Sales Tax   |  |
| Total       |  |
| Balance Due |  |

# BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street  
Denver, Colorado 80206  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net



INVOICE #  
LOCATION  
FOREMAN

12003  
127+110  
Calvin Reimers

## TREATMENT REPORT

|                  |                                  |  |   |     |        |      |       |                    |           |           |           |
|------------------|----------------------------------|--|---|-----|--------|------|-------|--------------------|-----------|-----------|-----------|
| DATE             | WELL NAME                        | SECTION  | TWP   | RGE | COUNTY |      |       |                    |           |           |           |
| 7-4-13           | ROHN LD 04-67-11N                | 4  | 9N  | 58W | Weld   |      |       |                    |           |           |           |
| BILL TO          | CONSULTANT                       |  |   |     |        |      |       |                    |           |           |           |
| Noble            | LANCE P.                         |  |   |     |        |      |       |                    |           |           |           |
| OWNER            | RIG NAME & NUMBER                |  |   |     |        |      |       |                    |           |           |           |
| Noble            | HAP Rig 273                      |  |   |     |        |      |       |                    |           |           |           |
| MAILING ADDRESS  | DISTANCE TO LOCATION             |  | UNITS ON LOCATION   |     |        |      |       |                    |           |           |           |
|                  | 80 miles                         |  | 3106/3203   |     |        |      |       |                    |           |           |           |
| CITY             | TIME REQUESTED                   |  | TIME ARRIVED ON LOCATION  |     |        |      |       |                    |           |           |           |
|                  | 3:00pm.                          |  | 3:00pm  |     |        |      |       |                    |           |           |           |
| STATE, ZIP       | TIME LEFT LOCATION               |  |   |     |        |      |       |                    |           |           |           |
|                  | 7:30pm                           |  |   |     |        |      |       |                    |           |           |           |
| WELL DATA        |                                  |  | Cement Makeup   |     |        |      |       |                    |           |           |           |
| HOLE SIZE        | TUBING SIZE                      | PERFORATIONS   | Cement Blend  |     |        |      |       |                    |           |           |           |
| 13 3/4           |                                  |  | BFNT III 2% BCCA-1.251615K BFLA-1   |     |        |      |       |                    |           |           |           |
| TOTAL DEPTH      | TUBING DEPTH                     | SHOTS/FT   | Cement - Specs  |     |        |      |       |                    |           |           |           |
| 1199             |                                  |  | <table border="1"> <tr> <td>lbs.</td> <td>Yield</td> <td>Water Requirements</td> </tr> <tr> <td>13.1/15.2</td> <td>1.69/1.27</td> <td>8.64/5.89</td> </tr> </table> |     |        | lbs. | Yield | Water Requirements | 13.1/15.2 | 1.69/1.27 | 8.64/5.89 |
| lbs.             | Yield                            | Water Requirements   |   |     |        |      |       |                    |           |           |           |
| 13.1/15.2        | 1.69/1.27                        | 8.64/5.89  |   |     |        |      |       |                    |           |           |           |
| CASING SIZE      | TUBING WEIGHT                    | OPEN HOLE  | Annulus Factor  |     |        |      |       |                    |           |           |           |
| 9 5/8            |                                  |  | .5259   |     |        |      |       |                    |           |           |           |
| CASING DEPTH     | TUBING CONDITION                 | TREATMENT VIA  | Capacity Factor   |     |        |      |       |                    |           |           |           |
| 1200             |                                  |  | .0773   |     |        |      |       |                    |           |           |           |
| CASING WEIGHT    | PACKER DEPTH                     | TYPE OF TREATMENT  |   |     |        |      |       |                    |           |           |           |
| 36 lb.           |                                  | <input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze<br><input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A |   |     |        |      |       |                    |           |           |           |
| CASING CONDITION | HYD HHP = RATE X PRESSURE / 40.8 |  |   |     |        |      |       |                    |           |           |           |
| Good             |                                  |  |   |     |        |      |       |                    |           |           |           |
| Max Rate         | % Excess                         |  |   |     |        |      |       |                    |           |           |           |
| 7                | 30/0                             |  |   |     |        |      |       |                    |           |           |           |
| Max Pressure     | BBL to Pit                       |  |   |     |        |      |       |                    |           |           |           |
| 2500             | 34                               |  |   |     |        |      |       |                    |           |           |           |

## DESCRIPTION OF JOB EVENTS

Misc, Safety meeting, Psi Test to 500 Psi, Cica 40 bbls H<sub>2</sub>O with KCL, Lead Mix + pump 30% Excess = 413 sks  
at 13.1 lb. 1.69 yield, 129.30 bbls slurry, Tail Mix + pump 100% Excess = 100 sks, 22.61 bbls slurry at  
15.2 lb. 1.27 yield, To cover 200' + shoe, Drop plug, Displace 89.4 bbls H<sub>2</sub>O, Dump plug  
at 150 Psi over lift Psi, Wait 5 min then bleed off Psi, Wash up, Rig down

X [Signature]  
Authorization To Proceed

WSS  
Title

x 7-4-13  
Date

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.