



# BISON

## Invoice

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

|           |           |
|-----------|-----------|
| Date      | Invoice # |
| 6/27/2013 | 11969     |

|   |
|---|
| 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              | Trebor BU-66-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           | 360    |              |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| Data Acquisition ... | Data Acquisition Charge  | 1      |              |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| HOURS                | Job Time                 | 3      |              |      |        |
| Service Charge       | Casing Test              | 1      |              |      |        |
|                      | Subtotal of Services     |        |              |      |        |
| BFN III Winter ...   | BFN III Blend            | 393    | Sack         |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| KCL Mud Flush        | (BHS 117)                | 5      | qt           |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
| Dye - 4880           | Dye (Hot Pink 4880)      | 10     | oz           |      |        |
| Discount 15%         | Discount 15%             |        |              |      |        |
|                      | Subtotal of Materials    |        |              |      |        |

Please Remit Payment To:

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

|                         |  |
|-------------------------|--|
| <b>Subtotal</b>         |  |
| <b>Sales Tax (2.0%)</b> |  |
| <b>Total</b>            |  |
| <b>Balance Due</b>      |  |

# BISON OIL WELL CEMENTING, INC.

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



INVOICE #  
 LOCATION  
 FOREMAN

11969  
 58 1/2 - 57 1/2  
 Kirk

## TREATMENT REPORT

|                 |                       |         |     |                          |        |
|-----------------|-----------------------|---------|-----|--------------------------|--------|
| DATE            | WELL NAME             | SECTION | TWP | RGE                      | COUNTY |
| 6-27-13         | Frederick B11-66-111A | 11      | 5N  | 64W                      | Weld   |
| BILL TO         | CONSULTANT            |         |     |                          |        |
|                 | Steve R               |         |     |                          |        |
| OWNER           | RIG NAME & NUMBER     |         |     |                          |        |
|                 | HCP 315               |         |     |                          |        |
| MAILING ADDRESS | DISTANCE TO LOCATION  |         |     | UNITS ON LOCATION        |        |
|                 |                       |         |     | 3103 - 32A0              |        |
| CITY            | TIME REQUESTED        |         |     | TIME ARRIVED ON LOCATION |        |
|                 | 11:30pm               |         |     | 10:30pm                  |        |
| STATE; ZIP      | TIME LEFT LOCATION    |         |     |                          |        |
|                 | 6:30                  |         |     |                          |        |

### WELL DATA

|                  |                  |               |
|------------------|------------------|---------------|
| HOLE SIZE        | TUBING SIZE      | PERFORATIONS  |
| 13 3/4           |                  |               |
| TOTAL DEPTH      | TUBING DEPTH     | SHOTS/FT      |
| 665              |                  |               |
| CASING SIZE      | TUBING WEIGHT    | OPEN HOLE     |
| 9 5/8            |                  |               |
| CASING DEPTH     | TUBING CONDITION | TREATMENT VIA |
| 660              |                  |               |
| CASING WEIGHT    | PACKER DEPTH     |               |
| 36 lb            |                  |               |
| CASING CONDITION | Good             |               |
| Max Rate         |                  |               |
| Max Pressure     |                  |               |

### Cement Makeup

|                |                                       |       |                    |
|----------------|---------------------------------------|-------|--------------------|
| Cement Blend   | BF 100 3% BFLA-1 25 lbs per sk BFLA-1 |       |                    |
| Cement - Specs | lbs                                   | Yield | Water Requirements |
|                | 1512                                  | 1.27  | 5.89               |
| Annulus Factor | Capacity Factor                       |       |                    |
| 15258          | 1073                                  |       |                    |

### TYPE OF TREATMENT

Surface Pipe     Production     Squeeze  
 MISC Pump     P&A

HYD HHP = RATE X PRESSURE / 40.8

% Excess    2540  
 BBL to Pit    17 BBLS

### DESCRIPTION OF JOB EVENTS

Set up rig, Rig up, PSI test, Per comman circ 50 BBLS KEL H2O, 2nd 10W Dye, mix Pump 406  
 SK's cement at 30% Excess at 1512 lbs at 1.27 yield or until stopped By comman, Release Pkg  
 Disp 47.7 BBLS H2O, Bump Pkg At 150 PSI over 1.5 PSI wait 5min Release PSI  
 wash up Rig Down

*Steve R*  
 Authorization To Proceed

NET M.S.S  
 Title

x 6-27-13  
 Date

Customers hereby acknowledges and specifically agrees 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.