

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10281

LOCATION Gutteresen Ranch

FOREMAN J. Ripoll

## TREATMENT REPORT

| DATE     | WELL NAME           | SECTION | TWP | RGE | COUNTY | FORMATION |
|----------|---------------------|---------|-----|-----|--------|-----------|
| 10/29/11 | Gutteresen C 33-31D |         |     |     | Weld   |           |

|   |                             |
|---|-----------------------------|
| CHARGE TO <u>Noble</u>                  | OWNER                       |
| MAILING ADDRESS                         | OPERATOR <u>Eng Noble</u>   |
| CITY                                    | CONTRACTOR <u>Ensign 55</u> |
| STATE ZIP CODE                          | DISTANCE TO LOCATION        |
| TIME ARRIVED ON LOCATION <u>9:30 am</u> | TIME LEFT LOCATION          |

| WELL DATA                    |                  |               | PRESSURE LIMITATIONS                             |                                  |                |
|------------------------------|------------------|---------------|--|----------------------------------|----------------|
| HOLE SIZE <u>12 1/4</u>      | TUBING SIZE      | PERFORATIONS  |  | THEORETICAL                      | INSTRUCTED     |
| TOTAL DEPTH <u>653</u>       | TUBING DEPTH     | SHOTS/FT      | SURFACE PIPE ANNULUS LONG                        |                                  |                |
|                              | TUBING WEIGHT    | OPEN HOLE     | STRING   |                                  |                |
| CASING SIZE <u>8 5/8</u>     | TUBING CONDITION |               | TUBING   |                                  |                |
| CASING DEPTH                 |                  | TREATMENT VIA | TYPE OF TREATMENT                                |                                  | TREATMENT RATE |
| CASING WEIGHT <u>24#</u>     | PACKER DEPTH     |               | <input checked="" type="checkbox"/> SURFACE PIPE | BREAKDOWN BPM                    |                |
| CASING CONDITION <u>Good</u> | <u>P3TD 599</u>  |               | <input type="checkbox"/> PRODUCTION CASING       | INITIAL BPM                      |                |
| PRESSURE SUMMARY             |                  |               | <input type="checkbox"/> SQUEEZE CEMENT          | FINAL BPM                        |                |
| BREAKDOWN or CIRCULATING psi | AVERAGE psi      |               | <input type="checkbox"/> ACID BREAKDOWN          | MINIMUM BPM                      |                |
| FINAL DISPLACEMENT psi       | ISIP psi         |               | <input type="checkbox"/> ACID STIMULATION        | MAXIMUM BPM                      |                |
| ANNULUS psi                  | 5 MIN SIP psi    |               | <input type="checkbox"/> ACID SPOTTING           | AVERAGE BPM                      |                |
| MAXIMUM psi                  | 15 MIN SIP psi   |               | <input type="checkbox"/> MISC PUMP               |                                  |                |
| MINIMUM psi                  |                  |               | <input type="checkbox"/> OTHER                   | HYD HHP = RATE X PRESSURE X 40.8 |                |

INSTRUCTIONS PRIOR TO JOB micu. safety meeting, pressure test, circulate 40 Bbls H<sub>2</sub>O/KCL  
with dye marker in 2<sup>nd</sup> 10 Bbls, m/p cement @ 15.2 lbs/gal, yield 1.27 unit  
instructed to stop, Drop plug & Displace 38 Bbls to Bump plug at 150 psi over  
left pressure. Test float - 12g, Down and wash-up -  
Arrive Location with - 475 gals cement, 4 1/2 gal KCL, 1 lbs dye WATER TEST OK

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Same AS ABOVE

safety meeting 1145 circ 220 cnt 2155 Drop plug 3:30  
plug down 3:45 AM

Disp 10 BLS 4.5 Bpm 250 psi  
20 Bbls 4.0 Bpm 300 psi  
30 Bbls 4.0 Bpm 325 psi  
38 Bbls Bump plug 450 psi float good

Used 223 sls - 50.4 Bbls Slurry - Pumped 11 Bbls to pit

Depart loc with 252 sls cement 3 gal KCL & dye

Erik Cousins  
AUTHORIZATION TO PROCEED

W.S.S  
TITLE

10/29/11  
DATE

Customer 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.