

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9819
LOCATION WCR 64 + 57
FOREMAN Daniel Saltzman

TREATMENT REPORT

| DATE | WELL NAME | SECTION | TWP | RGE | COUNTY | FORMATION |
|---------|--------------------------|---------|-----|-----|--------|-----------|
| 5-27-11 | Schofield State A 36-69H | 36 | 76N | 64W | Weld | |

| | | | |
|--------------------------|---------|----------------------|------------|
| CHARGE TO | Noble | OWNER | |
| MAILING ADDRESS | | OPERATOR | Noble |
| CITY | | CONTRACTOR | EN814N 132 |
| STATE ZIP CODE | | DISTANCE TO LOCATION | |
| TIME ARRIVED ON LOCATION | 7:56 AM | TIME LEFT LOCATION | 4:00 PM |

| WELL DATA | | | PRESSURE LIMITATIONS | | |
|--------------|--------|------------------|----------------------|---------------------------|------------|
| HOLE SIZE | 13 7/8 | TUBING SIZE | PERFORATIONS | THEORETICAL | INSTRUCTED |
| TOTAL DEPTH | 6310 | TUBING DEPTH | SHOTS/FT | SURFACE PIPE ANNULUS LONG | |
| ROTP | 577-99 | TUBING WEIGHT | OPEN HOLE | STRING | |
| CASING SIZE | 9 5/8 | TUBING CONDITION | | TUBING | |
| CASING DEPTH | 621-1 | TREATMENT VIA | | | |

| TYPE OF TREATMENT | | TREATMENT RATE | |
|--|--|----------------|--|
| <input checked="" type="checkbox"/> SURFACE PIPE | | BREAKDOWN BPM | |
| <input type="checkbox"/> PRODUCTION CASING | | INITIAL BPM | |
| <input type="checkbox"/> SQUEEZE CEMENT | | FINAL BPM | |
| <input type="checkbox"/> ACID BREAKDOWN | | MINIMUM BPM | |
| <input type="checkbox"/> ACID STIMULATION | | MAXIMUM BPM | |
| <input type="checkbox"/> ACID SPOTTING | | AVERAGE BPM | |
| <input type="checkbox"/> MISC PUMP | | | |
| <input type="checkbox"/> OTHER | | | |

| PRESSURE SUMMARY | | | |
|--------------------------|-----|------------|-----|
| BREAKDOWN or CIRCULATING | psi | AVERAGE | psi |
| FINAL DISPLACEMENT | psi | ISIP | psi |
| ANNULUS | psi | 5 MIN SIP | psi |
| MAXIMUM | psi | 15 MIN SIP | psi |
| MINIMUM | psi | | |

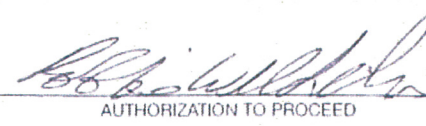
INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, PSI test, Circ 40 bbls at H8 w/ KCL 2nd 10 w/ 16oz Dye mix pump 340 sts of cement @ 30% excess @ 152' @ 1.27 qd or until stopped by COMMAN, Drop Plug, Displace 44.6 bbls at H8 Pump Plug @ 150 psi over 1 ft psi wait 5 min Release psi wish up Rig Down

Arrival w 700 sts of cement 4 gal KCL, 320z Dye 76.9 bbls of Slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting 2:01 pm Circ 2:21 pm Cement 2:30 pm
Drop Plug 2:58 pm Displace 2:58 pm

| | | | | |
|-----------|-------|---------|---------|---|
| 10 bbls | 6.0/m | 310 psi | 3:02 pm | Used 378 sts of cement 44% excess 85.4 bbls of Slurry |
| 20 bbls | 6.0/m | 370 psi | 3:04 pm | |
| 30 bbls | 6.0/m | 420 psi | 3:06 pm | |
| 40 bbls | 2.5/m | 380 psi | 3:08 pm | |
| 44.6 bbls | 1.0 | 380 psi | 3:10 pm | |
| Bump Plug | 2:04 | | 3:10 pm | |

Left w 322 sts of cement 3 gal KCL 160z Dye 8 bbls of Slurry Back

AUTHORIZATION TO PROCEED  TITLE 5-27-11 DATE