

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9755

LOCATION NCR 47 #38

FOREMAN Daniel Saltema

TREATMENT REPORT

| DATE | WELL NAME | SECTION | TWP | RGE | COUNTY | FORMATION |
|---------|------------------------|---------|-----|-----|--------|-----------|
| 3-22-11 | Aristocrat PC H 11-180 | 11 | 3N | 65W | Weld | |

| | |
|--------------------------|----------------------|
| CHARGE TO | OWNER |
| MAILING ADDRESS | OPERATOR |
| CITY | CONTRACTOR |
| STATE ZIP CODE | DISTANCE TO LOCATION |
| TIME ARRIVED ON LOCATION | TIME LEFT LOCATION |

| WELL DATA | | | PRESSURE LIMITATIONS | | |
|------------------|------------------|---------------|--|---------------------------------|------------|
| HOLE SIZE | TUBING SIZE | PERFORATIONS | | THEORETICAL | INSTRUCTED |
| TOTAL DEPTH | TUBING DEPTH | SHOTS/FT | SURFACE PIPE ANNULUS LONG | | |
| PBDT | TUBING WEIGHT | OPEN HOLE | STRING | | |
| CASING SIZE | TUBING CONDITION | | TUBING | | |
| CASING DEPTH | | TREATMENT VIA | TYPE OF TREATMENT | TREATMENT RATE | |
| CASING WEIGHT | PACKER DEPTH | | <input checked="" type="checkbox"/> SURFACE PIPE | BREAKDOWN BPM | |
| CASING CONDITION | | | <input type="checkbox"/> PRODUCTION CASING | INITIAL BPM | |
| | | | <input type="checkbox"/> SOOZE 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 | HYD HP = RATE X PRESSURE X 40 B | |

| 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 of H₂O well 2nd 10 w/CC dye, mix + pump 307 sks of Cement @ 30% Excess @ 15.2 lb @ 1.27 yield or until stopped by Company Drop Plug Displace 431 bbls of H₂O Pump Plug @ 150 psi over lift psi wait 5 min Release psi, Washup Ris Downside 11/30 test ok

Arrived w 700 sks of Cement 391 KCL 32oz Dye 69.4 bbls of Slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS: Safety meeting 1:59 pm Circ 2:25 pm Cement 2:35 pm
Drop Plug 2:54 pm Displace 2:54 pm

| | | | | |
|-----------|--------|---------|---------|---------------------|
| 10 bbls | 6.0 /m | 240 psi | 2:58 pm | 8% Excess |
| 20 bbls | 6.0 /m | 340 psi | 3:00 pm | 257 sks of Cement |
| 30 bbls | 6.0 /m | 420 psi | 3:02 pm | 58.1 bbls of Slurry |
| 40 bbls | 2.5 /m | 340 psi | 3:05 pm | |
| 431 bbls | 1.0 /m | 300 psi | 3:06 pm | |
| Pump Plug | | 420 psi | 3:06 pm | |

Left w 443 sks of Cement 2al KCL 22oz Dye 11 bbls of Slurry Back

[Signature] AUTHORIZATION TO PROCEED
Co. Rep TITLE
3-22-11 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