

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9638
LOCATION WCR 55 1/2 & 58 1/2
FOREMAN Grant Lowe

TREATMENT REPORT

| | | | | | | |
|---|---------------------------------------|--------------------------------------|------------------|-------------------|-----------------------|-----------|
| DATE 3-16-11 | WELL NAME Peterson B10 -240 | SECTION 10 | TWP 5N | RGE 64W | COUNTY weld | FORMATION |
| CHARGE TO Noble | | OWNER | | | | |
| MAILING ADDRESS | | OPERATOR Noble | | | | |
| CITY | | CONTRACTOR Ensign 126 | | | | |
| STATE ZIP CODE | | DISTANCE TO LOCATION | | | | |
| TIME ARRIVED ON LOCATION 9:55pm | | TIME LEFT LOCATION 12:45am | | | | |

| WELL DATA | | | PRESSURE LIMITATIONS | | |
|---------------------------------|------------------|---------------|----------------------------------|--|----------------|
| HOLE SIZE 12 1/4 | TUBING SIZE | PERFORATIONS | THEORETICAL | | INSTRUCTED |
| TOTAL DEPTH 575 | TUBING DEPTH | SHOTS/FT | SURFACE PIPE ANNULUS LONG | | |
| PBTD 520.85 | TUBING WEIGHT | OPEN HOLE | STRING | | |
| CASING SIZE 8 5/8 | TUBING CONDITION | | TUBING | | |
| CASING DEPTH 563.33 | | TREATMENT VIA | TYPE OF TREATMENT | | TREATMENT RATE |
| CASING WEIGHT 24 lbs | PACKER DEPTH | | [] SURFACE PIPE | | BREAKDOWN BPM |
| CASING CONDITION good | | | [] PRODUCTION CASING | | INITIAL BPM |
| | | | [] SQUEEZE CEMENT | | FINAL BPM |
| | | | [] ACID BREAKDOWN | | MINIMUM BPM |
| | | | [] ACID STIMULATION | | MAXIMUM BPM |
| | | | [] ACID SPOTTING | | AVERAGE BPM |
| | | | [] MISC PUMP | | |
| | | | [] OTHER | | |
| | | | HYD HHP = RATE X PRESSURE X 40.8 | | |

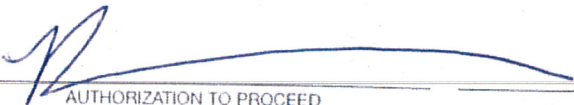
PRESSURE SUMMARY

| | | | |
|--------------------------|-----|------------|-----|
| 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 per Co. man, circ. 30 bbls KCL H₂O with Dye x 16 in 2nd 10, mix and pump til dye is seen, Pump tub only @ 15.2 lbs @ 1.274 yield, drop plug, displace 31.2 bbls H₂O, bump plug @ 150 psi over lift press. wait 5 min, bleed off press. wash up, Rig down, H₂O tested good. We have 700 SKS. 26oz dye, 23gts KCL**

JOB SUMMARY

DESCRIPTION OF JOB EVENTS **Safety meeting 10:52pm, circ 11:23pm, cement 11:29pm to 11:51pm, drop plug 11:53pm, displace 11:54pm.**
10 bbls - 300psi 11:57pm @ 7.0 bbls/min
20 bbls - 390psi 12:00am @ 7.0 bbls/min
30 bbls - 320psi 12:02am @ 4.5 bbls/min
31.1 bbls - 220psi 12:03am @ 1.0 bbls/min
Bump plug @ 420psi @ 12:03am float collar held,
used 418 SKS, 94.54 bbls slurry = 124% excess
averaged cement 4.29 bbls/min
left with 282 SKS, 10oz dye, 20gts KCL
18 bbls slurry top it.



AUTHORIZATION TO PROCEED

TITLE

3-16-11

DATE