

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10130

LOCATION 40131

FOREMAN Grant Lowe

TREATMENT REPORT

| DATE | WELL NAME | SECTION | TWP | RGE | COUNTY | FORMATION |
|---------|------------------|---------|-----|-----|--------|-----------|
| 6-11-11 | Nelson K Z7-63HN | Z7 | 4N | 66W | Weld | |

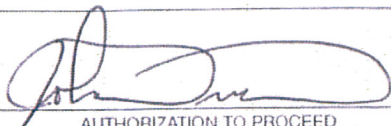
| | |
|---------------------------------|----------------------------|
| CHARGE TO Noble | OWNER |
| MAILING ADDRESS | OPERATOR Noble |
| CITY | CONTRACTOR HAP #322 |
| STATE ZIP CODE | DISTANCE TO LOCATION |
| TIME ARRIVED ON LOCATION 4:50pm | TIME LEFT LOCATION 10:15pm |

| WELL DATA | | | PRESSURE LIMITATIONS | | |
|-----------------------|------------------|---------------|---------------------------|--|----------------------------------|
| HOLE SIZE | TUBING SIZE | PERFORATIONS | THEORETICAL | | INSTRUCTED |
| 13 7/8 | | | SURFACE PIPE ANNULUS LONG | | |
| TOTAL DEPTH 665 | TUBING DEPTH | SHOTS/FT | STRING | | |
| PBTD-615.86 | TUBING WEIGHT | OPEN HOLE | TUBING | | |
| CASING SIZE 9 5/8 | TUBING CONDITION | | TYPE OF TREATMENT | | TREATMENT RATE |
| CASING DEPTH 658.32 | | TREATMENT VIA | [] SURFACE PIPE | | BREAKDOWN BPM |
| CASING WEIGHT 36105 | PACKER DEPTH | | [] PRODUCTION CASING | | INITIAL BPM |
| CASING CONDITION 600D | | | [] 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. Presstest to 1000psi, Circulate 50bbls water/KEL with dye x's 16oz in 2nd 10bbls, Cement 15.2 density @ 1.27 yield. pump until dye is seen, pump tub only, not to exceed 30% excess per Co. man. Drop plug, displace 47.6 bbls, bump plug @ 500psi over lift press. H₂O tested good. Washup Rig down, over 30% excess talk to Co. man, Arrived on location with 600sks, 32 oz dye, 10gts KEL

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting @ 8:15pm, Circulate @ 8:33pm, Cement 8:42 to 9:06pm
displace @ Drop plug @ 9:08, displace @ 9:09, 5% excess
10 bbls - 280psi @ 9:11pm @ 7.0 bbls/min 289 sacks
20 bbls - 300psi @ 9:13pm @ 7.0 bbls/min 65.36 bbls slurry
30 bbls - 350psi @ 9:14pm @ 7.0 bbls/min 2 bbls to pit
40 bbls - 470psi @ 9:15pm @ 7.0 bbls/min
47.6 bbls - 280psi @ 9:17pm @ 1.0 bbls/min
Bump plug @ 780 psi @ 9:20pm Float collar held
Left location with 311sks - 16oz dye, 5gts KEL


AUTHORIZATION TO PROCEED

CO-Man
TITLE

6-11-11
DATE