

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9337
LOCATION WCR 57+40
FOREMAN Daniel Saltman

TREATMENT REPORT

| DATE | WELL NAME | SECTION | TWP | RGE | COUNTY | FORMATION |
|---------|-------------------|---------|-----|-----|--------|-----------|
| 11-2-10 | ALOYSIUS C 34-270 | 34 | 4N | 64W | weld | |

| | | | |
|--------------------------|--------|----------------------|------------|
| CHARGE TO | Noble | OWNER | Noble |
| MAILING ADDRESS | | OPERATOR | Noble |
| CITY | | CONTRACTOR | ENSIGN 126 |
| STATE ZIP CODE | | DISTANCE TO LOCATION | |
| TIME ARRIVED ON LOCATION | 9:12pm | TIME LEFT LOCATION | 1:00pm |

| WELL DATA | | | PRESSURE LIMITATIONS | | |
|------------------|--------|------------------|----------------------|-------------|------------|
| HOLE SIZE | 12 1/4 | TUBING SIZE | | THEORETICAL | INSTRUCTED |
| TOTAL DEPTH | 652.10 | TUBING DEPTH | | | |
| PBTD | 608.60 | TUBING WEIGHT | | | |
| CASING SIZE | 8 5/8 | TUBING CONDITION | | | |
| CASING DEPTH | 651.60 | TREATMENT VIA | | | |
| CASING WEIGHT | 24# | PACKER DEPTH | | | |
| CASING CONDITION | good | | | | |

| PRESSURE SUMMARY | | | TREATMENT RATE | |
|--------------------------|-----|------------|----------------|--|
| 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 to 500psi, Circ 40bbls of H₂O w/ KCL 2nd low 100psi mix + pump 328 sacks of Cement @ 50% Excess @ 152' @ 1.27 yield or until stopped by Co man Drop Plug Displace 38.7 bbls of H₂O Bump Plug @ 150psi over lift psi wait 5 min w/ Release Psi wash up Rig Down H₂O test OK

Arrived w/ 550 sacks of Cement 29# KCL 32oz Dye 72.6 bbls of Slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS: Safety meeting 11:15am Circ NO Cement 11:49pm
Drop Plug 12:11pm Displace 12:15pm

10 bbls 220 Psi 12:19pm 4.06 bbls/m
20 bbls 340 Psi 12:22pm 4.06 bbls/m
30 bbls
38.7 bbls

Bump Plug NO
Slowed down to 2 bbls/m with 10 bbls Left, AT 9 bbls Left Psi whenet from 250 Psi to 850 Psi: Chavis BROKE PERI Stopped PER Company man No MORE Displace 141' ABOVE Float Collar
29 bbls of Slurry Back

USED 44% EXCESS
307 SACKS
69.4 bbls Slurry

AUTHORIZATION TO PROCEED: [Signature] TITLE: Co man DATE: 11-2-10

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.