

# BISON OIL WELL CEMENTING, INC.



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REF INVOICE # 11092  
LOCATION 1271 10th  
FOREMAN Mike Rosale

## TREATMENT REPORT

| DATE   | WELL NAME                           | SECTION   | TWP       | RGE        | COUNTY      | FORMATION |
|--------|-------------------------------------|-----------|-----------|------------|-------------|-----------|
| 7-1-72 | <u>Anders Robert L.D. H-68 H.N.</u> | <u>10</u> | <u>7N</u> | <u>S8W</u> | <u>Wick</u> |           |

|                          |               |                      |                    |
|--------------------------|---------------|----------------------|--------------------|
| CHARGE TO                | <u>Noble</u>  | OWNER                |                    |
| MAILING ADDRESS          |               | OPERATOR             | <u>Noble</u>       |
| CITY                     |               | CONTRACTOR           | <u>H&amp;P 326</u> |
| STATE / ZIP CODE         |               | DISTANCE TO LOCATION |                    |
| TIME ARRIVED ON LOCATION | <u>5:30pm</u> | TIME LEFT LOCATION   | <u>11:15pm</u>     |

| WELL DATA                    |                  |               | PRESSURE LIMITATIONS |            |
|------------------------------|------------------|---------------|----------------------|------------|
| HOLE SIZE <u>13 3/4</u>      | TUBING SIZE      | PERFORATIONS  | THEORETICAL          | INSTRUCTED |
| TOTAL DEPTH <u>1176</u>      | TUBING DEPTH     | SHOTS/FT      |                      |            |
| <u>28th 1136.27</u>          | TUBING WEIGHT    | OPEN HOLE     |                      |            |
| CASING SIZE <u>9 5/8</u>     | TUBING CONDITION |               |                      |            |
| CASING DEPTH <u>1122.06</u>  |                  | TREATMENT VIA |                      |            |
| CASING WEIGHT <u>36 100</u>  | PACKER DEPTH     |               |                      |            |
| CASING CONDITION <u>Good</u> |                  |               |                      |            |

| PRESSURE SUMMARY         |     |            | TYPE OF TREATMENT |                   | TREATMENT RATE                   |  |
|--------------------------|-----|------------|-------------------|-------------------|----------------------------------|--|
| BREAKDOWN or CIRCULATING | psi | AVERAGE    | psi               | TYPE OF TREATMENT | BREAKDOWN BPM                    |  |
| FINAL DISPLACEMENT       | psi | ESIP       | psi               | TYPE OF TREATMENT | INITIAL BPM                      |  |
| ANNULUS                  | psi | 5 MIN SIP  | psi               | TYPE OF TREATMENT | FINAL BPM                        |  |
| MAXIMUM                  | psi | 15 MIN SIP | psi               | TYPE OF TREATMENT | MINIMUM BPM                      |  |
| MINIMUM                  | psi |            |                   | TYPE OF TREATMENT | MAXIMUM BPM                      |  |
|                          |     |            |                   | TYPE OF TREATMENT | AVERAGE BPM                      |  |
|                          |     |            |                   | TYPE OF TREATMENT | HVD BPM = RATE x PRESSURE x 40.8 |  |

INSTRUCTIONS PRIOR TO JOB Rig up Sathymatic PSF Test, Circulate 90 BBls head H2O/KCL mix 2nd  
10 BBls mix + Pump 319 SKS (20% excess) 1.89 g/cc 5+ 100s pump 1000psi cement tail of  
127yd at 152 BS Release plug disp 58.0 BBls H2O Pump Plug AT 150psi over 11FT psi read 5min  
Release PSI, washup Plug down  
AT 152 w/ 6000s cement 4500 KCL 1600 Dye  
76 BBls slurry total 226 BBls total

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS 5:45pm 6:15pm 6:45pm 7:15pm 7:45pm 8:15pm 8:45pm 9:15pm 9:45pm 10:15pm  
Disp Plug 10:05pm Displace 10:05pm  
10 BBls AT 5 BBls/min 10:07pm 200psi  
10 BBls AT 5 BBls/min 10:10pm 300psi  
30 BBls AT 5 BBls/min 10:11pm 300psi  
40 BBls AT 5 BBls/min 10:13pm 350psi  
50 BBls AT 5 BBls/min 10:15pm 400psi  
60 BBls AT 5 BBls/min 10:17pm 500psi  
70 BBls AT 5 BBls/min 10:19pm 550psi  
80 BBls AT 3.5 BBls/min 10:21pm 400psi  
87.3 BBls AT 1 BBls/min 10:23pm 300psi  
Pump Plug 10:23pm 600psi  
1500 SKS cement 1500 SKS KCL & Dye  
7-1-72  
WSS  
DATE