

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
 Denver, Colorado 80202  
 Phone: 303-298-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil@qwestoffice.net

REF. INVOICE # Big 11404

LOCATION 6-1-388

FOREMAN Kirk Hallhoff  
Tucker Case

## TREATMENT REPORT

| DATE   | WELL NAME                | SECTION | TWP | RGE | COUNTY | FORMATION |
|--------|--------------------------|---------|-----|-----|--------|-----------|
| 3-4-12 | 70 Ranch USX BB25-LB-1HN | 25      | 5N  | 63W | wdd    |           |

|  |                                  |
|--|----------------------------------|
| CHARGE TO <u>Woble</u>                 | OWNER                            |
| MAILING ADDRESS                        | OPERATOR <u>Woble</u>            |
| CITY                                   | CONTRACTOR <u>H&amp;P 315</u>    |
| STATE ZIP CODE                         | DISTANCE TO LOCATION             |
| TIME ARRIVED ON LOCATION <u>5:45pm</u> | TIME LEFT LOCATION <u>8:45pm</u> |

| WELL DATA                    |                  |               | PRESSURE LIMITATIONS                             |                                  |                |
|------------------------------|------------------|---------------|--|----------------------------------|----------------|
| HOLE SIZE <u>13 3/4</u>      | TUBING SIZE      | PERFORATIONS  |  | THEORETICAL                      | INSTRUCTED     |
| TOTAL DEPTH <u>591</u>       | TUBING DEPTH     | SHOTS/FT      | SURFACE PIPE ANNULUS LONG                        |                                  |                |
| <u>PBD 541.48</u>            | TUBING WEIGHT    | OPEN HOLE     | STRING   |                                  |                |
| CASING SIZE <u>9 5/8</u>     | TUBING CONDITION |               | TUBING   |                                  |                |
| CASING DEPTH <u>586.28</u>   |                  | TREATMENT VIA | TYPE OF TREATMENT                                |                                  | TREATMENT RATE |
| CASING WEIGHT <u>36 lb</u>   | PACKER DEPTH     |               | <input checked="" type="checkbox"/> SURFACE PIPE | BREAKDOWN BPM                    |                |
| CASING CONDITION <u>good</u> |                  |               | <input type="checkbox"/> PRODUCTION CASING       | INITIAL BPM                      |                |
|                              |                  |               | <input type="checkbox"/> SOEZE 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 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 Riser, safety meeting, Psitst, Per cement Pump spacer 10BBls sepp, 10BBls sepp w/ Dye 20 BBls  
H2O, mix Pump 319 sks cement at 30% Excess at 1127 yield at 15.2 lbs or until cement stops, Release  
Plug Disp 41.8 BBls H2O, Pump Plug at 150 Psi over Lift Psi, wait 5 min Release Psi wash up  
Rig Down H2O 200 gal  
Arrived w/ 750 sks cement 4 small Kel 16oz Dye 75 lbs sepp 1/2 gal sepp 72.1 BBls slurry

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS safety meeting 7:09pm spacer 7:17pm cement 7:23pm  
Drop Plug 7:41pm Displace 7:41pm  
10 BBls at 6.0 BBls/m 7:43pm 120psi used 20% Excess  
20 BBls at 6.0 BBls/m 7:45pm 250psi used 294 sks cement  
30 BBls at 4.5 BBls/m 7:47pm 300psi 66.4 BBls slurry  
40 BBls at 1.0 BBls/m 7:50pm 280psi  
41.8 BBls at 1.0 BBls/m 7:51pm 220psi  
Pump Plug 7:51pm 500psi

L.P.H. / 456 sks cement 3 small Kel 6oz Dye BBls Back 13

E. Albright  
 AUTHORIZATION TO PROCEED

TITLE

3-4-12

DATE