

BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street
Denver, Colorado 80206
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net



INVOICE #
LOCATION
FOREMAN

11910
68-69
Kirk

TREATMENT REPORT

| | | | | | |
|------------------|--------------------------|--|--------------------------------------|--------------------------|--------|
| DATE | WELL NAME | SECTION | TWP | RGE | COUNTY |
| 5-16-13 | Wells Ranch AC 05-69-14N | 6 | 6N | 62W | Weld |
| BILL TO | | CONSULTANT | | | |
| Noble | | Jim / | | | |
| OWNER | | RIG NAME & NUMBER | | | |
| | | H/P 321 | | | |
| MAILING ADDRESS | | DISTANCE TO LOCATION | | UNITS ON LOCATION | |
| | | | | 3103-3212 | |
| CITY | | TIME REQUESTED | | TIME ARRIVED ON LOCATION | |
| | | 9:00 pm | | 7:30 pm | |
| STATE, ZIP | | TIME LEFT LOCATION | | | |
| | | 1:00 pm | | | |
| WELL DATA | | | Cement Makeup | | |
| HOLE SIZE | TUBING SIZE | PERFORATIONS | Cement Blend | | |
| 13 3/4 | | | BFLA 3% BCLA-1, 25 lbs per ft BFLA-1 | | |
| TOTAL DEPTH | TUBING DEPTH | SHOTS/FT | Cement - Specs | lbs | Yield |
| 653 | | | | 152 | 1.27 |
| CASING SIZE | TUBING WEIGHT | OPEN HOLE | Annulus Factor | | |
| 9 5/8 | | | 1.5258 | | |
| CASING DEPTH | TUBING CONDITION | TREATMENT VIA | Capacity Factor | | |
| 642 | | | 1.0773 | | |
| CASING WEIGHT | PACKER DEPTH | TYPE OF TREATMENT <input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A | | | |
| 3615 | | | | | |
| CASING CONDITION | Good | | | | |
| Max Rate | | | | | |
| Max Pressure | | HYD HHP = RATE X PRESSURE / 40.8 % Excess 33% BBL to Pit 12 | | | |

DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSI test, Per roman circ 40 BBS KLL H2O 2nd 104/ Dye, mix Pump 346 SKS
Cement at 30% Excess at 1.27 yield at 152 lbs or until stopped by roman, Release Pkg Disp
46.5 BBS H2O Pump Pkg At 150 psi over LIP PSI, wait 5 min, Release PSI, Wash up Rig
Down.

X

Authorization To Proceed

Title

X 5-16-13
Date

Customers 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.