

BISON OIL WELL CEMENTING, INC.

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INVOICE #
 LOCATION
 FOREMAN

12366
 6042 5746
 Jm

TREATMENT REPORT

| | | | | | |
|-----------------|----------------------|---------|--------------------------|-----|--------|
| DATE | WELL NAME | SECTION | TWP | RGE | COUNTY |
| 7/21 | Wolfpack PCB03-63 HN | | | | Weld |
| BILL TO | CONSULTANT | | | | |
| Noble | Kevin | | | | |
| OWNER | RIG NAME & NUMBER | | | | |
| | PD 829 | | | | |
| MAILING ADDRESS | DISTANCE TO LOCATION | | UNITS ON LOCATION | | |
| | 60 MIN | | 4007,3106,4017,3211,119 | | |
| CITY | TIME REQUESTED | | TIME ARRIVED ON LOCATION | | |
| | 8:00 | | 7:30 | | |
| STATE, ZIP | TIME LEFT LOCATION | | | | |
| | | | | | |

WELL DATA

Cement Makeup

| | | | | | | |
|------------------|------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|--------------------|
| HOLE SIZE | TUBING SIZE | PERFORATIONS | Cement Blend | Type III 2% CEA 1/4 lb CE/csk | | |
| 1.3 3/4 | | | Cement - Specs | lbs | Yield | Water Requirements |
| TOTAL DEPTH | TUBING DEPTH | SHOTS/FT | | 15.2 | 1.27 | 5.89 |
| 624 | | | Annulus Factor | Capacity Factor | | |
| CASING SIZE | TUBING WEIGHT | OPEN HOLE | .5259 | .0773 | | |
| 9 5/8 | | | 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 | | | |
| CASING DEPTH | TUBING CONDITION | TREATMENT VIA | HYD HHP = RATE X PRESSURE / 40.8 % Excess <input type="text" value="25"/> BBL to Pit <input type="text" value="10"/> | | | |
| 618 | | | | | | |
| CASING WEIGHT | PACKER DEPTH | shoe 44.95 Displacement 573.88 44.36 bbl | | | | |
| 30 | | | | | | |
| CASING CONDITION | | | | | | |
| Max Rate | <input type="text" value="5 bbl"/> | | | | | |
| Max Pressure | <input type="text" value="2000"/> | | | | | |

DESCRIPTION OF JOB EVENTS

MIRIL 10 fresh 10 Dye 24 fresh M+P 320 sks type III 2% CEA
 deep plug Displ 44 press test 10000 psi / 15 min

x
 Authorization

WSS
 Title

x 7/21/13
 Date

Customers hereby acknowledge and specifically agree 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.