

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net

REF INVOICE # 0661
LOCATION Eckley
FOREMAN T. Davis

TREATMENT REPORT

| | | | | | | |
|---------------------------------------|---|---|------------------|----------------------------------|-----------------------|-----------|
| DATE <u>11-17-11</u> | WELL NAME <u>Wakefield Trust 43-6B</u> | SECTION <u>6</u> | TWP <u>1S</u> | RGE <u>45W</u> | COUNTY <u>Yuma</u> | FORMATION |
| CHARGE TO <u>Excell</u> | | OWNER <u>Noble</u> | | | | |
| MAILING ADDRESS | | OPERATOR | | | | |
| CITY | | CONTRACTOR <u>Excell #19 10</u> | | | | |
| STATE ZIP CODE | | DISTANCE TO LOCATION <u>60 mile min</u> | | | | |
| TIME ARRIVED ON LOCATION <u>11 pm</u> | | REQ <u>12 am</u> | | TIME LEFT LOCATION <u>230 am</u> | | |

| WELL DATA | | | PRESSURE LIMITATIONS | | |
|------------------------------|------------------|--|---------------------------|----------------|------------|
| HOLE SIZE <u>9 7/8</u> | TUBING SIZE | PERFORATIONS | THEORETICAL | | INSTRUCTED |
| TOTAL DEPTH <u>497</u> | TUBING DEPTH | SHOTS/FT | SURFACE PIPE ANNULUS LONG | | |
| <u>PBTO 443</u> | TUBING WEIGHT | OPEN HOLE | STRING | | |
| CASING SIZE <u>7</u> | TUBING CONDITION | | TUBING | | |
| CASING DEPTH <u>492</u> | TREATMENT VIA | TYPE OF TREATMENT | | TREATMENT RATE | |
| CASING WEIGHT <u>20</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"/> SQUEEZE CEMENT | FINAL BPM | | |

| PRESSURE SUMMARY | | | TREATMENT RATE | | |
|-------------------------------------|-----------------------|---|----------------------------------|--|--|
| BREAKDOWN or CIRCULATING <u>psi</u> | AVERAGE <u>psi</u> | <input type="checkbox"/> ACID BREAKDOWN | MINIMUM BPM | | |
| FINAL DISPLACEMENT <u>psi</u> | ISIP <u>psi</u> | <input type="checkbox"/> ACID STIMULATION | MAXIMUM BPM | | |
| ANNULUS <u>psi</u> | 5 MIN SIP <u>psi</u> | <input type="checkbox"/> ACID SPOTTING | AVERAGE BPM | | |
| MAXIMUM <u>psi</u> | 15 MIN SIP <u>psi</u> | <input type="checkbox"/> MISC PUMP | HYD. HP = RATE X PRESSURE X 40.8 | | |
| MINIMUM <u>psi</u> | | <input type="checkbox"/> OTHER | | | |

INSTRUCTIONS PRIOR TO JOB: MIRV Safety Circ m+p 243 sks of B3-lite 15.2 lb/gal
107 yd 4.2 gal/sk 24 bbls of mix water. Drop plug displace 18 bbls
Set plug shut well in move off location

JOB SUMMARY
DESCRIPTION OF JOB EVENTS

| MIRV | Safety | Circ | m+p | Drop plug | Displace |
|----------|---------|---------|--------|-----------|------------|
| 11:15 am | 12:5 am | 1:35 am | 1:4 am | 1:54 am | 1:54 am |
| | | | | 1:57 am | 10 150 psi |
| | | | | 2 am | 18 200 psi |

9 bbls to the pit
100% excess

Don Davis AUTHORIZATION TO PROCEED
TOOLPHER TITLE
11/18/11 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.

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REF. INVOICE # 10674

LOCATION Eckley

FOREMAN T. Lewis

TREATMENT REPORT

| DATE | WELL NAME | SECTION | TWP | RGE | COUNTY | FORMATION |
|---|-----------------------|---------|---|-----|--------|-----------|
| 11-19-11 | Wakefield Trust 43-66 | 6 | 1S | 45W | Yuma | |
| CHANGE TO <u>Excell</u> | | | OWNER <u>Noble</u> | | | |
| MAILING ADDRESS | | | OPERATOR | | | |
| CITY | | | CONTRACTOR <u>Excell - 1.5 10</u> | | | |
| STATE ZIP CODE | | | DISTANCE TO LOCATION <u>60 mile min</u> | | | |
| TIME ARRIVED ON LOCATION <u>1:45 pm</u> | | | TIME LEFT LOCATION <u>5 pm</u> | | | |

| WELL DATA | | | PRESSURE LIMITATIONS | | |
|------------------------------|------------------|---------------|---------------------------|--|----------------|
| HOLE SIZE <u>6 1/4</u> | TUBING SIZE | PERFORATIONS | THEORETICAL | | INSTRUCTED |
| TOTAL DEPTH <u>2476</u> | TUBING DEPTH | SHOTS/FT | SURFACE PIPE ANNULUS LONG | | |
| <u>PBTD 2407</u> | TUBING WEIGHT | OPEN HOLE | STRING | | |
| CASING SIZE <u>9 1/2</u> | TUBING CONDITION | | TUBING | | |
| CASING DEPTH <u>2449</u> | | TREATMENT VIA | TYPE OF TREATMENT | | TREATMENT RATE |
| CASING WEIGHT <u>11.6</u> | PACKER DEPTH | | [] SURFACE PIPE | | BREAKDOWN BPM |
| CASING CONDITION <u>good</u> | | | [] PRODUCTION CASING | | INITIAL BPM |
| | | | [] SQUEEZE CEMENT | | FINAL BPM |
| | | | [] ACID BREAKDOWN | | MINIMUM BPM |
| | | | [] ACID STIMULATION | | MAXIMUM BPM |
| | | | [] ACID SPOTTING | | AVERAGE BPM |
| | | | [] MISC PUMP | | |
| | | | [] OTHER | | |

| PRESSURE SUMMARY | | |
|-------------------------------------|-----------------------|--|
| BREAKDOWN OF CIRCULATING <u>psi</u> | AVERAGE <u>psi</u> | |
| FINAL DISPLACEMENT <u>psi</u> | 15 MIN SIP <u>psi</u> | |
| ANNULUS <u>psi</u> | 5 MIN SIP <u>psi</u> | |
| MAXIMUM <u>psi</u> | 15 MIN SIP <u>psi</u> | |
| MINIMUM <u>psi</u> | | |

INSTRUCTIONS PRIOR TO JOB: MIRU Safety pump 6 bbls dye 2% KCl. 20 bbl mud flush with 2% KCl 14 bbl fresh water with 2% KCl MTP Est 162 sks of Ngr-12 12.0 bbl gal 2.21 yd 12.04 gal/sk 4% Bk of mix MTP 56 sks of Bq-14 13.8 bbl gal 1.33 yd 6.28 gal/sk @ bbls mix water. Lead will be mixed until dye is seen. Drop plug displace 37.1 bbls with 2% KCl. Set plug shut well in. Clean up more off location.

JOB SUMMARY:
DESCRIPTION OF JOB EVENTS:
MIRU Safety circ MTP Drop plug displace
2 pm 326 pm 331 pm 344 pm 412 pm 412

414 pm 10 70 psi
417 pm 20 280 psi
421 pm 30 630 psi
424 pm 37 1100 psi
10 bbls to the pit
50% EXCESS

P. Smith
AUTHORIZATION TO PROCEED

TITLE

11/19/11
DATE

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.