

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1059029

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM

### WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License #   |   | API No. 15  |
|---|---|---|
| Name:   |   | Spot Description:   |
| Address 1:  |   |   |
| Address 2:  |   | Feet from Dorth / South Line of Section   |
| City: Sta   | ite: Zip:+  | Feet from Cast / West Line of Section   |
| Contact Person:   | ·   | Footages Calculated from Nearest Outside Section Corner:  |
| Phone: ()   |   |   |
| CONTRACTOR: License #   |   | County:   |
|   |   | Lease Name: Well #:   |
|   |   | Field Name:   |
| 5   |   | Producing Formation:  |
| Designate Type of Completion:   |   | Elevation: Ground: Kelly Bushing:   |
| New Well  | Entry Workover  | Total Depth: Plug Back Total Depth:   |
| <ul> <li>Oil</li> <li>WSW</li> <li>Gas</li> <li>D&amp;A</li> <li>OG</li> <li>CM (Coal Bed Methane)</li> <li>Cathodic</li> <li>Other (Core,</li> </ul> | SWD     SIOW       ENHR     SIGW       GSW     Temp. Abd.             | Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/ sx cmt |
| If Workover/Re-entry: Old Well Info   | as follows:   |   |
| Well Name:  |   | Drilling Fluid Management Plan<br>(Data must be collected from the Reserve Pit)   |
| Original Comp. Date:<br>Deepening Re-perf.  | Original Total Depth:     Conv. to ENHR Conv. to SWD     Conv. to GSW | Chloride content: ppm Fluid volume: bbls<br>Dewatering method used:   |
| Plug Back:  | Plug Back Total Depth   | Location of fluid disposal if hauled offsite:   |
| Commingled  | Permit #:   | Operator Name:  |
| Dual Completion   | Permit #:   | Lease Name: License #:  |
| SWD   | Permit #:   | Quarter Sec TwpS. R East West   |
|   | Permit #:   | County: Permit #:   |
| GSW   | Permit #:   |   |
| Spud Date or Date Read<br>Recompletion Date   | ched TD Completion Date or<br>Recompletion Date                       |   |

#### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

## Submitted Electronically

| KCC Office Use ONLY                |  |  |  |  |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|--|--|--|--|
| Letter of Confidentiality Received |  |  |  |  |  |  |  |  |  |
| Date:                              |  |  |  |  |  |  |  |  |  |
| Confidential Release Date:         |  |  |  |  |  |  |  |  |  |
| Wireline Log Received              |  |  |  |  |  |  |  |  |  |
| Geologist Report Received          |  |  |  |  |  |  |  |  |  |
| UIC Distribution                   |  |  |  |  |  |  |  |  |  |
| ALT I II III Approved by: Date:    |  |  |  |  |  |  |  |  |  |

|                       | Side Two    |         |
|-----------------------|-------------|---------|
| Operator Name:        | Lease Name: | Well #: |
| Sec TwpS. R East West | County:     |         |
|                       |             |         |

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken<br>(Attach Additional She                                    | eets)                | Yes                     | No             |                      | Lo       |                     | n (Top), Depth and |                 | Sample                        |
|---|----------------------|-------------------------|----------------|----------------------|----------|---------------------|--------------------|-----------------|-------------------------------|
| Samples Sent to Geolog  | ical Survey          | Yes                     | No             |                      | Name     |                     |                    | Тор             | Datum                         |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitted E<br>(If no, Submit Copy) | Electronically       | ☐ Yes<br>☐ Yes<br>☐ Yes | No<br>No<br>No |                      |          |                     |                    |                 |                               |
| List All E. Logs Run:   |                      |                         |                |                      |          |                     |                    |                 |                               |
|   |                      |                         | CASING I       | RECORD [             | Nev      | w Used              |                    |                 |                               |
|   |                      | Report all              | strings set-c  | onductor, surfac     | ce, inte | rmediate, productio | on, etc.           |                 |                               |
| Purpose of String   | Size Hole<br>Drilled | Size Ca<br>Set (In C    |                | Weight<br>Lbs. / Ft. |          | Setting<br>Depth    | Type of<br>Cement  | # Sacks<br>Used | Type and Percent<br>Additives |
|   |                      |                         |                |                      |          |                     |                    |                 |                               |
|   |                      |                         |                |                      |          |                     |                    |                 |                               |

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose:<br>Perforate       | Depth<br>Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|-----------------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing Plug Back TD |                     |                |              |                            |
| Plug Off Zone               |                     |                |              |                            |

| Shots Per Foot                       |          | PERFORATION<br>Specify For |            | RD - Bridge P<br>Each Interval F |         | e                   |                         |                              | ement Squeeze Record<br>of Material Used) | Depth   |
|--------------------------------------|----------|----------------------------|------------|----------------------------------|---------|---------------------|-------------------------|------------------------------|---|---------|
|                                      |          |                            |            |                                  |         |                     |                         |                              |   |         |
|                                      |          |                            |            |                                  |         |                     |                         |                              |   |         |
|                                      |          |                            |            |                                  |         |                     |                         |                              |   |         |
|                                      |          |                            |            |                                  |         |                     |                         |                              |   |         |
|                                      |          |                            |            |                                  |         |                     |                         |                              |   |         |
| TUBING RECORD:                       | Siz      | ze:                        | Set At:    |                                  | Packer  | r At:               | Liner F                 | Run:                         | No  |         |
| Date of First, Resumed               | Product  | ion, SWD or ENHF           | <b>λ</b> . | Producing M                      | 1ethod: | ping                | Gas Lift                | Other (Explain)              |   |         |
| Estimated Production<br>Per 24 Hours |          | Oil Bb                     | ls.        | Gas                              | Mcf     | Wate                | ər                      | Bbls.                        | Gas-Oil Ratio                             | Gravity |
|                                      |          |                            |            |                                  |         |                     |                         |                              |   |         |
| DISPOSITI                            | ON OF C  | BAS:                       |            |                                  | METHOD  | OF COMPLE           | TION:                   |                              | PRODUCTION IN                             | TERVAL: |
| Vented Solo                          |          | Jsed on Lease              |            | Open Hole                        | Perf.   | Dually<br>(Submit ) | Comp.<br>AC <i>O-5)</i> | Commingled<br>(Submit ACO-4) |   |         |
| (If vented, Su                       | bmit ACC | )-18.)                     |            | Other (Specify)                  |         |                     |                         |                              |   |         |

# Invoice

Brw

| Dale      | Invoice # |
|-----------|-----------|
| 2/23/2011 | 9876      |



MAR 0 3 2011

Bison Oil Well Cementing Inc. 1738 Wynkoop St. Suite 102 Denver, CO 80202 303-296-3010

Bill To

Excell Services, LLC 36629 US HIGHWAY 385 Wray, CO 80758

|                                 |                       |                  |        | )<br>Mell     | Name & No.  |        |       | Terms          | Rig                                   |
|---------------------------------|-----------------------|------------------|--------|---------------|-------------|--------|-------|----------------|---------------------------------------|
|                                 |                       | Location         |        |               |             |        |       | Net 30         | · · · · · · · · · · · · · · · · · · · |
| · ·                             | •                     | Sherman KS       | ·      | - <u>B</u> un | choliz 32-6 |        | l     | Rale           | Amount                                |
| liem                            | · ·                   | Description      |        |               | Qly         |        | 0/141 | 1,400.00       | 1,400.00                              |
| Pump surface                    | PUMP Cha              | rge-surface pipe |        |               |             | 174    |       | 3.00           | 522.00                                |
| MILEAGE                         | Milenge ein           | urge             |        |               | • .         | 1 / 27 |       |                | 1,922.00                              |
| laiteoro, and m                 | Subtotal of           | Services         |        |               |             |        |       | 77.5           | 77.501                                |
| Centralizer 7"                  | Centralizer           |                  | 4      |               |             | 184    | Sack  | 16.0<br>-394.4 |                                       |
| B3-Lite<br>Discount             | 50/50 Poz<br>Discount | (3%)             |        | ŀ             |             |        |       |                | <u>2,72</u> 7.10                      |
| Paracelar                       | Subtotal o            | 'Materials       |        |               |             |        |       |                | 4,649,10                              |
|                                 |                       |                  |        |               |             |        |       |                |                                       |
|                                 |                       |                  |        |               | · .         |        |       |                |                                       |
|                                 | q                     | 1.               |        |               |             |        |       |                | · · ·                                 |
|                                 |                       |                  |        |               | *           | -      |       |                |                                       |
|                                 | ·                     |                  | •<br>• |               |             | i      |       |                |                                       |
|                                 |                       |                  |        | ·             |             |        | Subto |                |                                       |
| Please Remit In                 |                       |                  |        |               |             |        | 1     |                | <u></u>                               |
| Bison Oil Well<br>P.O. Box 2967 | Cementing, h          | <b>1</b> ¢,      |        | -             |             | · .    | Sales | Tax (8.55%     | 6) <u>\$242.9</u>                     |
| Thornton, CO4                   | 30229                 |                  |        |               | •<br>•      | •      | Tota  | al             | \$4,892.0                             |
| • • •                           | · · ·                 |                  |        |               |             |        | Bala  | nce Due        | \$4,892.0                             |
|                                 | •                     |                  |        |               |             |        | Ļ     |                | × 110                                 |
|                                 |                       |                  |        |               |             |        |       |                | 4 - 00                                |

\$5,381.26

| ISON OIL WELL CEMENTING, INC.<br>1738 Wynkoop St., Ste. 102<br>Denver, Colorado B0202 |             |                                       |                                       |                                       |               | REF. INVOICE #<br>LOCATION_ST. FRAMCIS KS  |            |               |  |  |  |
|---|-------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------|--|------------|---------------|--|--|--|
|   | 111 cm - 9  | 193-290-2414                          | -                                     |                                       |               | · [*   | OREMAN     | F             |  |  |  |
|   |             | -296-8143<br>bisonai1@qwet            | nothce.net                            | трЕ                                   | ΔΤΜΕΝ         | T REPORT   |            |               | DY FORMATION   |  |  |
| A.  | Tottifus: a |                                       |                                       |                                       | 5ECT          | ON TWP   | RGE        |               | · · · · ·  |  |  |
| DATE  | T           | . 1 1                                 | WELL NAME                             | to to                                 | 6             | 1 5  | 392        | 5 her         |  |  |  |
| 23-11   | 115         | uchor                                 | FZ                                    | 32-6                                  | <u>`</u>      |  |            |               |  |  |  |
|   | 6.          | cell_                                 |                                       |                                       | <u></u>       | OWNER  |            |               |  |  |  |
| ANGETU  | <u></u>     |                                       |                                       |                                       |               | CONTRACTOR EXCELL  | Kin 2      |               |  |  |  |
| ILING ADDRESS   |             |                                       |                                       |                                       |               | DISTANCE TO LOCATION 8   | 7 miles    |               |  |  |  |
| N'  |             |                                       |                                       |                                       |               |  | upp-       |               |  |  |  |
| ATE ZIP CODE<br>NE APIRIVED (BY LC  |             | 6:00pm                                | Reg 7 :                               | 00pm                                  | l             |  | PRESSURE L | MITATIONS     |  |  |  |
| NE AHRIVED URVEL  |             | WELL                                  | DATA                                  | · · · · · · · · · · · · · · · · · · · |               |  | THEORE     | TICAL         | INSTRUCTED   |  |  |
| H.E SIZE 9"   | 18          | TUBING SIZE                           |                                       | PERFORATIONS                          |               | SURFACE PIPE ANNULUS LONG  |            |               | ······································                           |  |  |
| TAL DEPTH   | 78          | TUBING DEPTH                          |                                       | SHOTS/FT                              |               | STRING   |            |               |  |  |  |
|   | _           | TUEING WEIGHT                         | · · · · · · · · · · · · · · · · · · · | OPEN HOLE                             |               | TUINING  | <u> </u>   |               | TEATMENT RATE  |  |  |
| CONT SIZE   | 14          | TUBING CONDITI                        | DN                                    |                                       |               | TYPE OF TREAT  | MENT       |               |  |  |  |
| SING DEPTI  | 397         | Pb 3                                  | 77                                    | TREATMENT VIA                         |               | DESIRFACE PIPE   |            | BREAKDOWN BR  | 46   |  |  |
| ASING WEIGHT /  | 7/1         | PACKER DEPTH                          |                                       |                                       |               | PRODUCTION CASING  |            | INITIAL BPM   |  |  |  |
| ISING CONDITION   | and         | 1                                     |                                       | 1                                     |               | 1 J SDEEZE CEMENT  |            | FINAL RPM     |  |  |  |
| Cillag Calendary  |             | PRESSUR                               |                                       |                                       |               | ] ACID BREAKDOWN   |            | MINIMUM BPH   |  |  |  |
| EAKDOWN of CIR  | CULATING    | pşi                                   | AVERAGE                               | psi                                   |               | [ ] ACID STIMULATION   |            | MAXIMUM DPM   |  |  |  |
| NAL DISPLACEME  |             | ມຣຳ                                   | ISIP                                  | psi                                   |               | [ ] ACID SPOTTING  |            | AVERAGE DPM   |  |  |  |
| NNDLUS  |             | psi                                   | 5 MILSP                               | psi<br>psi                            |               | 1 J MISC PUMP  |            |               | TE X PRESSURE X 40.8   |  |  |
| iaximiim  |             | tisi                                  | 15 MIN SIP                            |                                       |               | 1 JOHER  | · ·        |               | 11110  |  |  |
| urrana  | • * * ÷     | ព្ភនាំ                                |                                       |                                       | 11            | MEN IRUSKS   | of 6-32    | Ke w/y        | ield 113   |  |  |
|   | BORTO       | JOBMIR                                | )                                     | Safety Ciri                           | <u>cutate</u> |  | Shue da    | <u>abacie</u> | 15 bbl5 of H   |  |  |
| STRUCTION D   | Thus        | Tilwater                              | ry. q                                 | 4:78 gal                              | -Sact         | @15.21bs crop  | 1          | 1             |  |  |  |
| ny go   | <u></u> _   |                                       | 1                                     |                                       |               |  |            |               |  |  |  |
| 5hort in  | <u>-</u>    |                                       | · · · · · · · · · · · · · · · · · · · | · · · ·                               |               | 11.  |            |               |  |  |  |
|   | 1 2-        | 21eH                                  | <br>ז                                 | Crosserving                           | . 01          | 115  | <u></u>    |               | indiana  |  |  |
| Anna  | 142         | _1_0                                  | <u> </u>                              | ()                                    | CETC          | mat  | 2001       |               | displace_  |  |  |
|   | F JOB EV    | ENTSMIP                               | <u></u>                               | JAFety-                               | 7:05          | 1. 7:081m  | 7;30       | 27,2          | 7:3/ f.m   |  |  |
| ESCITIC TOPICS  |             | 6:00                                  | pin                                   | 7:000                                 |               | <u></u>  |            |               |  |  |  |
| <u>x 1</u> .  |             | 7:39pm                                |                                       |                                       |               |  |            |               |  |  |  |
| <u>unuli 1</u>  | <u> </u>    |                                       |                                       |                                       |               |  | d          | isplac        |  |  |  |
|   |             | ,                                     |                                       |                                       | <u> </u>      | ······   | 200        | 0 71          |  |  |  |
| · · · · · · · · · · · · · · · · · · ·   | <u></u> ,   |                                       |                                       |                                       |               | ······································   | 200        | 15 7:3        | 75   |  |  |
|   |             | ·····                                 |                                       |                                       |               |  |            |               | ۔<br>اندائی <u>ان سے میں میں میں میں میں میں میں میں میں میں</u> |  |  |
|   |             | * 1                                   | 7                                     |                                       |               | مان الجاني ، موقف المحافظة ( المحاف ا | ·····      | · · · ·       | ······································                           |  |  |
|   | -40-        | pit                                   | - <u>t</u>                            |                                       |               |  |            |               |  |  |  |
| 6613  |             |                                       | <u> </u>                              |                                       | ·             |  |            |               |  |  |  |
| <u>bbls</u>   |             |                                       |                                       |                                       |               |  |            |               |  |  |  |
| <u>bbls</u>   |             |                                       |                                       |                                       |               |  |            |               |  |  |  |
| <u>bbls</u>   |             | · · · · · · · · · · · · · · · · · · · |                                       |                                       |               |  |            |               |  |  |  |
| 6613  |             |                                       |                                       |                                       |               |  |            | 1 1           |  |  |  |
| bbls  |             |                                       |                                       | 0                                     |               | -  | 21         | 23/1          | DATE   |  |  |



# Invoice

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|---|---|---------|---|---|---|
|---|---|---------|---|---|---|

Bison Oil Well Cementing Inc. 1738 Wynkoop St. Suite 102 Denver, CO 80202 303-296-3010

| Date      | Invoice # |
|-----------|-----------|
| 2/24/2011 | 0874      |

Bill To

Exectl Services, LLC 36629 US HIGHWAY 385 Wray, CO 80758

|                                      |                       |                 | <u> </u> | Name & No.   |      | Terms        | Rig                               |
|--------------------------------------|-----------------------|-----------------|----------|--------------|------|--------------|-----------------------------------|
|                                      |                       | Location        |          | rcholtz 32-6 |      | Net 30       |                                   |
|                                      |                       | Shermun KS      | -Br      |              | <br> | Rate         | Amouni                            |
|                                      |                       | Description     |          | Qly          |      | 2,000        | 2,000.00                          |
| llem                                 | Pump Chan             | ec-Other        |          |              |      | 3            | 3.00 522.00                       |
| mp Charge-O                          |                       |                 |          | 174          |      |              | 2,522,00                          |
| ILEAGE                               | Mileage cha           |                 |          |              |      |              | 505.00                            |
|                                      | Subiotal of           | Services        |          |              |      | 28           | 3,00                              |
| loat Shoe 4 12"                      | Fion Shoe             | 4 472°          |          |              | 1    | - 25         | 3.00 253.00                       |
| D Plug -41/2"                        | LD Plug &             | Balfie -4 1/2*  |          |              | 1    | . 4          | 2.00 42.0                         |
| D Paug → 112<br>Centralizer 4 1/2"   | Centralizer           |                 |          |              |      |              | 16.00 624.0<br>62.40 -62.4        |
| 1-Gel-12<br>Discount                 | Lead 12lb<br>Discount |                 |          |              | 56 5 |              | 16.00 <b>596.0</b><br>89.60 -89.6 |
| 3G-Lite<br>Discount                  | Tail 13.8<br>Discount | bigal 50/50 Poz |          |              |      |              | 1,948.5                           |
|                                      | Subtotal              | n Materials     |          |              |      |              | 4,470                             |
| •                                    |                       |                 |          |              |      |              |                                   |
| -                                    |                       | •               | -<br>    |              |      |              |                                   |
|                                      |                       |                 |          |              | Su   | btotal       | \$4;470                           |
| Please Remit Inv<br>Bison Oil Well ( |                       | nc.             | -        |              | Sa   | les Tax (8.5 | <b>5%)</b> \$174                  |
| P.O. Box 29671<br>Thomion, CO 8      |                       |                 |          | -            |      | otal         | \$4,64                            |
| -                                    |                       |                 |          |              |      | alance Due   | \$4,64                            |

MAR 0 8 2011

11090

\$510817

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| $\mathbf{O}$ N $\mathbf{O}$   | 16. TVA   | LL CEM  | ENTIN   | G, INU.  |  |  | F. INVOICE #   | 1001 10-10          | <u> </u>   |  |
|---|---|---|---|--|--|--|--|---------------------|--|--|
| 'n  | 1738 Wyn  | koop SL, Sle.   | 102   |  |  | LU   |  | LV N                | enton  |  |
|   | Denver, G   | 3-295-3010  |   |  |  | FOREMAN Ready Alew ton   |  |                     |  |  |
| Fax: 303-208-8143<br>E-mail: bisonoil1@qwestoffice.net  |   |   |   |  |  | T REPORT   |  |                     |  |  |
| ¥   | E-mail: Di  | SOUCHERS  |   | [RE#   | SECTIO   | 71487  | RGE  |                     | 1 1  |  |
| DAIE  |   | N   | WELL HAME   |  | lo lo  | 65   | 39-2   | Sherma              |  |  |
| 70-11   | Bac   | holte   | 32-1  |  |  | OI JL  | ····   |                     |  |  |
| - Harrison  |   |   |   |  |  | OWNER NOBK   |  |                     |  |  |
| IGE TO E  | fle   | 11/   |   |  |  | OPERATOR   | Nic Z  |                     |  |  |
| AALLING ADINESS   |   |   |   |  |  | CONTRACTOR EXCEL   |  |                     |  |  |
|   |   |   |   |  |  | TIME LEFT LOCATION 500   | Der.   |                     |  |  |
| TE ZIP CODE   |   | 11500   |   |  |  | TIME LEFT LUGARION   | PRESSURE LI  | MITATIONS           |  |  |
| e ahrived dh l  | OCUTION   | WELL  |   | · · · · · · · · · · · · · · · · · · ·  | r  |  | THEORE   | TICAL               | INSTRUCTED   |  |
|   | 1.11  | TUBING SIZE   |   | PEAFORATIONS   |  | SURFACE PIPE ANNULUS LONG  |  |                     |  |  |
| ESUE (1)  | 4-1.71  | TURING DEPT)  |   | SHOTS/FT   |  |  |  |                     |  |  |
| TAL BEPTH / 5   |   | TUBING WEIGHT   |   | OPEN HOLE  |  | STEING   | ]  |                     |  |  |
|   | 12-11   | TUBING CONDITI  | )()   |  |  | THURFG   | IENT   |                     | EATMENT RATE   |  |
| SING SIZE 4   | 1261  | 750149  |   | TREATMENT VIA  | ł  | 1 SURFACE PIPE   |  | BREAKDOWN BPM       |  |  |
| SING DEPTH /  | <u>17</u>   | PACKER DEPTH  |   |  |  | LAPRODUCTION CASING  |  | HATIAL OPM          |  |  |
| sing weight   | 11-0  | 1111000000  | · · · · · ·   |  |  | T J SDEEZE CEMENT  |  | FINAL BPM           |  |  |
| GING CONDITION  | J con   | PRESSURI  | SUMMARY   | ·····  |  | I ] ACIU BNEAKĐOWN   |  | MINIMUM BPH         |  |  |
| ieakdown or Cl  | BCI (I AIING  |   | AVERAGE   | jed.   |  | ACID STIMULATION   |  | MAXIMUM BPM         |  |  |
| EARDOWN OF C  |   | 191   | ISIP  | psi  |  | I ACID SPOTTURE  | · ·  | AVERACE OF M        |  |  |
|   |   | nsi   | 5 Mill Sip  | ្រុក ្រុង  |  | T ) MISC PUMP  |  |                     |  |  |
| NHULUS  |   | psi   | 15 MIN SIP  | psi  |  | [ JOTHER   | *******  | H1D HHP = 1(4)      | EXPRESSIREX 408  |  |
| ARIMEM  |   | psi   |   |  |  | The state of the s | = N-Gel  | 12012               | Bperg Water  |  |
| MMUM<br>  |   | DE MIR  | 14 51   | y cire   | Mj   | + > 54 51 01   | will as  | +1 565              | ks BF-1.2 (213.8)  |  |
| STRUCTIONS  | FRIDE IU  | JOB MIR   | 14 5  | BD/ mit white  | 1 yeil   | 5 Nr 2. 69 201 PT  | 1. ft sel  | & DIVA              | 2 plug Displace by   |  |
| (29 15  | b gal   | per SK  |   | HISK 13 BB   | 1 pt da  |  | la Fr par  | 1/55                |  |  |
| str gal   | with  | 120 0- 7.   | P   | Ci da  | in   | Annalus -1026  | <u>cer</u>   | 101 - 1             |  |  |
|   | n L   | 20 10   | that pray   | San Char   | free   | Ferld Tet.   |  |                     | "Drop sher   |  |
| 23 - 1  | <u>, , , , , , , , , , , , , , , , , , , </u>                         | 55 45   | <u>74</u>   | - along ( Film   | <u></u>  | ere M  | L  | MAP                 | Prop plug  |  |
| $\frac{23.11}{20\%}$  | exa   | 21-1-1  |   |  |  |  |  |                     |  |  |
|   |   |   | Ra_   | SM   | (  | 11/12 4:   | 145  | 4:21pr.             | 4.26 p. a.   |  |
|   |   | MTS MI  | Ra<br>DOP.m.  | - 5m<br>4:002  | <u>(</u>   | 4:11pm 4:  | 143.n  | 4:21p.r.            | 4:26 p. A.   |  |
|   |   | MTS MI  | Ra<br>10 p.m.   | 5m<br>4:00p  | m<br>- 13 doc  | 4:11p.m. 4:  | 143.n  | 4 <u>:2(p</u> .r.   | 4:26 p.A.  |  |
|   | OF JOBEVI<br>Alare<br>30 p. m   | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>10 m.  | <u>sm</u><br><u>4'00p</u>  | 17:4/5   | 4:11pm, 4:   | 14 <u>5</u> n  | <u>4:2(p+.</u>      | <u>4:26 p.m.</u>   |  |
|   |   | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>1 and pla<br>4:92  | 5m<br>4:00p<br>3n,   | 17:4/5   | 4:11p.m. 4:  | 14 <u>3</u> .n   | 4:2(p.c.            | 4:26 p.m.  |  |
|   | OF JOBEVI<br>Alare<br>30 p. m   | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>10 and pla<br>4:92   | 5m<br>4'00p  | 17 Juc<br>11: Juc<br>11: 4/5   | 4: 11 p.m. 4:  | 14 <u>3</u> .n   | 4:2(p.r.            | <u>4:26 p.m.</u>   |  |
| 23. 1<br>20%<br>00 SUMMAP<br>DESCRIPTION<br>0:34<br>4:<br>4:<br>4:<br>4:<br>4:<br>4:<br>4:<br>4:<br>4:<br>4 | OF JOBEVI<br>Alare<br>30 p. m   | INTS MJ<br>Zic  | Ra.<br>10 p.m.<br>10 and pl<br>4:92   | 5m<br>4'00p  | 1 doc<br>13 doc<br>17:4/5  | 4:11p.m. 4:  | 14 <u>5</u> .n   | 4:2(pr.             | <u>4:26 p.m</u>  |  |
|   | OF JOBEVI<br>Alare<br>30 p. m   | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>1 and pla<br>4:42  | 5m<br>4:00p<br>3n,   | 17:4/5   | <u>4</u> : 11 p.m. <u>4</u> :<br><u>1</u> 12   | 14 <u>3</u> .n   | <i>4:2(p+.</i>      | <u>4:268.</u> ,  |  |
|   | OF JOBEVI<br>Alare<br>30 p. m   | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>10 and pla<br>4:92   | 5m<br>4/100p   | 13 doc<br>13 doc<br>17:4/5   | 4: 11 p.m. 4:  | 14 <u>5</u> .n   | <i>4:2(pr.</i>      | <u>4:268.</u> ,  |  |
|   | OF JOBEVI<br>Alare<br>30 p. m   | INTS MJ<br>Zic  | Ra.<br>10 p.m.<br>10 and pla<br>4:92<br>4:92<br>ement                           | 5m<br>4:00p<br>5n,<br>40 pit   | 17:4/5   | <u>4</u> : 11 p.m. <u>4</u> :<br><u>1</u> 12   | 14 <u>3</u> .n   | <i>4:2(p+.</i>      | <u>4:268.</u> ,  |  |
|   | OF JOBEVI<br>Alare<br>30 p. m   | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>1 and pla<br>4:42<br>empert<br>ment<br>my/11                   | 5m<br>4:00p<br>5m<br>5m<br>40 pit<br>40 pit<br>00 pst                        | 17:4/5   | <u>4</u> ; <u>11</u> p.m. <u>4</u> ;<br><u>1</u> m   | 14 <u>5</u> .n   | <i>4:2(p+.</i>      | <u>4:26 p.m</u>  |  |
|   | OF JOBEVI<br>Alare<br>30 p. m   | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>10 p.m.<br>10 p.m.<br>14:92<br>4:92<br>ement<br>ement<br>w/ 11 | 5m<br>4:00p<br>5<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 | 1<br>- 15 doc<br>- 1   | 4: 11 p.m. 4:<br>11  | 14 <u>3</u> .n   | <i>4:2(pr.</i>      | <u>4:26 p.m</u>  |  |
|   | N-JOBEVI<br>OF JOBEVI<br>1/4 EC<br>30 p. 1-                           | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>10 p.m.<br>10 p.m.<br>14:92<br>4:92<br>ement<br>ement<br>N/11  | 5m<br>4:00p<br>5n<br>  | 1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.   | <u>4</u> : 11 p.m. <u>4</u> :<br><u>1</u> 12   | 143.n  | <i>4:2(p+.</i>      | <u> </u>   |  |
|   | N-JOBEVI<br>OF JOBEVI<br>1/4 EC<br>30 p. 1-                           | INTS MJ<br>Zic  | Ra<br>10 p.m.<br>1 and pla<br>4:92<br>ement<br>w/ 11                            | 5m<br>4:00p<br>3m<br>2m<br>40 pit<br>40 pit<br>00 pst                        | 17:4/5   | <u>4</u> : <i>IIp.m.</i> <u>4</u> :<br><u>In</u>   | 14 <u>5</u> .n   | <u>4:2(pr.</u>      | <u> </u>   |  |
| DE SUMMAF<br>ESCRIPTION<br>734<br>41<br>43310<br>73720<br>73720<br>73720                                    | 07-108 EVI<br>07-108 EVI<br>301.1-<br>301.1-<br>3001<br>5007<br>11100 | INTS MJ<br>2:0<br>2:1<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>(<br>)<br>(<br>) | in p.m.<br>1 and pla<br>1 4:92<br>emperit<br>N/11                               | 4:00p<br>3n,<br>1<br>40 pit<br>00 pst  | 1c/  | Pap  | 14 <u>3</u>  | <u>4:2(p-r.</u>     | <u>4</u> : 26 p  |  |
| 06 SUMMAF<br>ESCRIPTION<br>2137<br>2137 20<br>2137 20<br>214223   | 07-108 EVI<br>07-108 EVI<br>301.1-<br>301.1-<br>3001<br>5007<br>11100 | INTS MJ<br>2:0<br>2:1<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>(<br>)<br>(<br>) | in p.m.<br>1 and pla<br>1 4:92<br>emperit<br>N/11                               | 4:00p<br>3n,<br>1<br>40 pit<br>00 pst  | 1 <u></u>  | Pap  |  | <u>4:2(p+r.</u><br> | <u> <u> </u> <u></u></u>                                       |  |
| DB SUMMAF<br>ESCRIPTION<br>734<br>41<br>43310<br>1:3720<br>1:3720   | 07-108 EVI<br>07-108 EVI<br>301.1-<br>301.1-<br>3001<br>5007<br>11100 | INTS MJ<br>2:0<br>2:1<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>(<br>)<br>(<br>) | in p.m.<br>1 and pla<br>1 4:92<br>emperit<br>N/11                               | 4:00p<br>3n,<br>1<br>40 pit<br>00 pst  | 12 3 10 c<br>13 10 c<br>14 5<br>14 5<br>14 5<br>14 5<br>10 c<br>10 c | Pap  | 143. m.<br>143. m.<br>143 | <u>4.12 (p.r.</u>   | <u>4.26 b.</u><br><u>-</u><br><u>-</u><br><u>-</u><br><u>-</u><br><u>-</u><br><u>-</u><br><u>-</u><br><u>-</u><br><u>-</u><br><u>-</u> |  |



Casing:

KB .

|    | - | ten alte | 4 C |
|----|---|----------|-----|
| 1: | 1 | inch     | +   |

6 Ft

| Location: | Sec 6, 6S, 39W, | Sherman Co. K |
|-----------|-----------------|---------------|

|           |                                  |                      | and the second second        |                             | Location:  | <u>Sec 6, 6S, 39W,</u>   | Sherman Co. r  |
|-----------|----------------------------------|----------------------|------------------------------|-----------------------------|--|--|--|
| Well Name | : Bucholtz 32-6                  |                      |                              |                             |  |  |  |
| Joint No. | Joint Length,<br>Ft              | Total Footage,<br>Ft | Depth KB, Ft<br>(base of jt) | Depth KB, Ft<br>(top of jt) | <i>Wt/ Grade</i><br>17   | Description  |  |
| 00///10/  | 0.00                             | 0.00                 |                              | · · · ·                     |  | Centralizer  |  |
| 1         | 44.10                            | 44.10                | -403.19                      | -359.09                     |  | Jonn an 201  |  |
| 2         | 43.61                            | 87.71                | -359.09                      | -315.48                     |  |  |  |
| 3         | 43.76                            | 131.47               | -315.48                      | -271.72                     |  |  | a tender en er   |
| 4         | 43,82                            | 175.29               | -271.72                      | -227.90                     |  |  |  |
| 5         | 44.96                            | 220.25               | -227.90                      | -182.94                     |  |  |  |
| 6         | 44.04                            | 264.29               | -182.94                      | -138.90                     |  | 이 같은 물건이 있으며   |  |
| 7         | 44.20                            | 308.49               | -138.90                      | -94.70                      |  |  |  |
| 8         | 44.26                            | 352.75               | -94.70                       | -50.44                      |  |  |  |
| 9         | 44.44                            | 397.19               | -50.44                       | -6.00                       |  | 1월 11일월 24일 만원 18일 원<br>일본 18일 원 원 원 명원 18일  |  |
| 10        |                                  |                      |                              |                             |  | 성 같은 것이 없는 것이 없다.  |  |
| 11        |                                  | -                    | -                            |                             |  | 그 귀엽을 가 있는 것이다.  | 이 같은 것은 이 가격하는 것이다.<br>이 가격하는 것이 가격하는 것이다.<br>이 가격하는 것이 가격하는 것이다.  |
| 12        |                                  |                      |                              |                             | # Jts Ran  | g  |  |
| 13        |                                  |                      |                              |                             | Meas,  | 397.19   |  |
| 14        | 이 같은 말 같은 말 같이 많다.               |                      |                              |                             | Set @  | 403.19   |  |
| 15        |                                  |                      |                              |                             | Aprox TD @   |  | 1987년 - 1984년 - 1984<br>1991년 - 1987년 - 1984년 - 19<br>1991년 - 1984년 -  |
| 16        |                                  |                      |                              |                             | Apion 12   |  | · 그렇는 것을 가 봐요  |
| 17        |                                  | -<br>                |                              |                             | Threads O  | n 398.97   |  |
| 18        |                                  |                      |                              |                             |  |  |  |
| 19        |                                  |                      |                              |                             |  |  | 김희 전 영지 바람이 있는 것이 있다. 이 것이 아니는 것이 아니는 것이 아니는 것이 아니는 것이 아니는 것이 같이 같이 같이 같이 같이 않는 것이 아니는 것이 아니. 것이 아니는 것이 아니는 것이 아니는 것이 아니. 것이 아니는 것이 아니. 것이 아니는 것이 아니는 것이 아니. 것이 아니는 것이 아니. 아니는 것이 아니는 것이 아니는 것이 아니. 아니는 것이 아니는 것이 아니. 것이 아니는 것이 아니. 것이 아니. 것이 아니. 아니. 아니. |
| 20        |                                  |                      |                              |                             |  |  |  |
| 21        |                                  |                      |                              |                             |  | 가슴이 있는 것이 있는 것이 있다.<br>같은 이상에 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 없는 것이 있는 것이 없는 것이 없는 것이 없는<br>같은 것이 있는 것이 없는 것이 있는 것이 있는 것이 없는 것 | 한 전한 교회에서 가장 전에 관객<br>역사 관계 관계 관계  |
| 22        |                                  |                      |                              |                             |  |  |  |
| 23        |                                  | 5.<br>1.<br>1.       |                              |                             |  |  |  |
| 24        |                                  |                      |                              |                             |  |  |  |
| 25        |                                  | <br>N                |                              |                             | 「「「「「「「「」」」「「「」」」「「」」「「」」」「「」」」「「」」」「「」」」「「」」」「「」」」「「」」」「「」」」」 | 불가 있었다. 신금이 시작했지<br>같은 말이 있는 말에 가장하는<br>같은 것이 있는 것이 있는 것이 같이 있다.   |  |
| 26        |                                  |                      |                              |                             |  |  |  |
| 27        |                                  | :<br>1<br>1<br>1     |                              |                             |  |  |  |
| 28        |                                  |                      |                              |                             |  |  | 1993년 - 1993년 1993년<br>1997년 - 1997년 1997년<br>1997년 1997년 199  |
| 29        | · 전문가 전 가려나 같는<br>경험은 고려가 관련하네요. |                      |                              |                             |  | 일반, 22월 10일 - 12월 1일<br>19월 1일 - 13월 2일 - 13일 - 13일  | - 2011년 2월 2013년<br>1913년 - 1913년 2월 2013년 1월 2013년 2월 2013년<br>1913년 2월 2013년 2월 201  |
| 30        |                                  |                      |                              |                             |  |  |  |
| 31        |                                  | -                    |                              |                             | ales e la printe de la printe.                                 |  |  |
| TOTAL     | 397.19                           | 1000 C               | · · · · ·                    |                             |  |  | · .  |



### KB-GL: 6 Ft

Casing: 4.5 11.6 #J-55

|                  |   | EXCELL SERVICE   | S, INC.                      |                             | Casing   | 4.5 11.6 #0-55  |
|------------------|---|--|------------------------------|-----------------------------|--|---|
| Well Name:       | Bucholtz 32-6   | the second s | us andre setter s            |                             | Location:  | Sec.6, 6S, 39W, Sherman Co. KS  |
|                  |   |  |                              |                             |  |   |
| Joint No.        | Joint Length,<br>Ft   | Total Footage,<br>Ft   | Depth KB, Ft<br>(base of jt) | Depth KB, Ft<br>(top of jt) | Wt/ Grade  | Description   |
| <i>σοιπι Νο.</i> | 0.92  | 0,92   | -1539,10                     | -1538.18                    | Agend Cassard  | AFU SHOE  |
| 1                | 42.15   | 43.07  | -1538.18                     | -1496.03                    | 11.6#J-55  | Centralizer & Latch   |
| 2<br>3           | 42.03<br>42.14  | 85.10<br>127.24  | -1496.03<br>-1454.00         | -1454.00<br>-1411.86        |  | Centralizer<br>Centralizer  |
| 4                | 42.08   | 169.32   | -1411.86                     | -1369.78                    |  | Centralizer   |
| 5                | 42.09   | 211.41   | -1369,78                     | -1327.69                    |  | Centralizer<br>Centralizer  |
| 6<br>7           | 42.11<br>16.12  | 253.52<br>269.64   | -1327.69<br>-1285.58         | -1285.58<br>-1269.46        |  | Centralizer   |
| 8                | 42.08   | 311.72   | -1269.46                     | -1227.38                    |  | Centralizer   |
| 9                | 42.11   | 353,83   | -1227,38                     | -1185.27                    |  |   |
| 10<br>11         | 42.09<br>42.06  | 395,92<br>437,98   | -1185.27<br>-1143.18         | -1143.18<br>-1101.12        | an a                                   |   |
| 12               | 42.08   | 480.06   | -1101.12                     | -1059,04                    |  |   |
| 13               | 42.11   | 522.17   | -1059.04                     | -1016.93                    |  | 사망가 있는 것 같은 것 같은 방법을 바랍니다.<br>같은 것 같은 것   |
| 14<br>15         | 42.08<br>42.15  | 564.25<br>606.40   | -1016.93<br>-974.85          | -974.85<br>-932.70          |  |   |
| 16               | 42.02   | 648.42   | -932.70                      | -890.68                     | - 한동승 130~~ 1일<br>- 121. 기신 동작품동   |   |
| 17<br>18         | 42.10   | 690.52   | -890.68                      | -848.58                     |  |   |
| 19               | 42.12<br>42.13  | 732.64<br>774.77   | -848,58<br>-806,46           | -806.46<br>-764.33          |  |   |
| 20               | 42.12   | 816.89   | -764.33                      | -722.21                     |  |   |
| 21<br>22         | 42.04   | 858.93   | -722.21                      | -680.17                     |  |   |
| 22               | 42.18<br>42.09  | 901.11<br>943.20   | -680.17<br>-637.99           | -637.99<br>-595.90          |  |   |
| 24               | 42.13   | 985.33   | -595.90                      | -553.77                     |  |   |
| 25<br>26         | 42.12<br>42.11  | 1027.45<br>1069.56   | -553.77                      | -511.65                     | $\{ g_{i}^{k}, g_{i}^{k} \}_{i=1}^{k-1} \in [0, 1] \subseteq [0, 1]$       |   |
| 20               | 42.15   | 1111.71  | -511.65<br>-469.54           | -469.54<br>-427,39          |  |   |
| 28               | 42.16   | 1153.87  | -427.39                      | -385.23                     |  |   |
| 29<br>30         | 42.15<br>42.16  | 1196.02<br>1238.18   | -385.23                      | -343.08                     |  |   |
| 31               | 42,12   | 1280.30  | -343.08<br>-300.92           | -300,92<br>-258,80          |  | 地名美国法尔特尔 化加加斯尔加加克尔 化金属克尔合金<br>化无利用作用 人名特利尔 网络拉拉克尔 化乙酰胺化   |
| 32               | 42.17   | 1322.47  | -258.80                      | -216.63                     |  |   |
| 33<br>34         | 42.11<br>42.13  | 1364.58<br>1406.71   | -216.63<br>-174.52           | -174.52                     |  |   |
| 35               | 42.12   | 1448.83  | -132.39                      | -132.39<br>-90.27           | - 20년 124년 126<br>- 12년 11년 21년  | 가는 모양 한 것은 것을 것을 가 있는 것을 가 있다.<br>같은 [21] 전 22] T |
| 36<br>37         | 42.15   | 1490.98  | -90,27                       | -48.12                      |  |   |
| 37               | 42.12   | 1533.10  | -48.12                       | -6.00                       |  | 的时候,我们就是我们的问题,我们就是我们的问题,我们就是我们的问题。<br>我们就是我们的问题,我们就是我们的问题,我们就是我们的问题。<br>我们就是我们的时候,我们就是我们的问题,我们就是我们的问题。  |
| 39               |   |  |                              |                             | - 脱端的 - 約月<br>- 約月的 - 約月的  |   |
| 40<br>41         |   |  |                              |                             |  |   |
| 42               |   | a<br>Alianti   |                              |                             |  |   |
| 43               |   |  |                              |                             |  |   |
| 44<br>45         |   |  |                              |                             | 에 다양한 것을 다.<br>  |   |
| 46               |   | -  |                              |                             |  |   |
| 47               |   |  |                              |                             |  |   |
| 48<br>49         |   |  |                              |                             |  |   |
| 50               |   |  |                              |                             |  |   |
| 51<br>52         |   |  |                              |                             |  |   |
| 53               | - 1811년 1913년 1<br>1월 1913년 1 | 5<br>2   |                              |                             |  |   |
| 54               |   |  |                              | •                           |  |   |
| 55<br>56         |   |  |                              |                             |  |   |
| 57               |   |  |                              |                             |  |   |
| 58<br>59         |   |  |                              |                             |  | 가지 않는 것은 가지 않는 것은 것은 가지 않는 것은 것이다.<br>사람이 있는 것은 것은 것은 것은 것은 것을 많은 것을 다 있다.<br>같은 것은 것은 것은 것은 것은 것은 것은 것은 것은 것을 다 있다.  |
| 60               |   |  |                              |                             |  |   |
| 61               |   |  |                              |                             |  |   |
| 62<br>63         |   |  |                              |                             |  |   |
| 64               |   |  |                              |                             |  |   |
| 65<br>66         |   |  |                              |                             |  |   |
| 67               |   |  |                              |                             |  |   |
| 68               |   | -  |                              |                             |  |   |
| 69<br>70         |   | :  |                              |                             |  |   |
| 71               |   | • • •  |                              |                             | - 영상 사망에<br>- 영양 사망이다  |   |
| 72<br>73         |   |  |                              |                             |  |   |
| 74               |   |  |                              |                             |  |   |
| 75               |   | )<br>}   |                              |                             |  |   |
| 76<br>77         |   |  |                              |                             |  |   |
| 78               |   |  |                              |                             |  |   |
| 79               |   | ]  |                              |                             | an an an Anna Anna Anna<br>Bartan an Anna Anna Anna Anna<br>Anna Anna Anna |   |
| 80<br>81         |   |  |                              |                             |  |   |
| 82               |   |  |                              |                             |  |   |
| 83<br>84         |   |  |                              |                             |  |   |
| 85               |   |  |                              |                             |  |   |
| TOTAL            | 1533.10   | )<br>J   |                              |                             |  |   |
|                  |   |  |                              |                             | JTs Ran  |   |
|                  |   |  |                              |                             | Meas w/sho   | be 1533.10  |

JTs Ran 37 Meas w/shoe 1533.10 Set @ 1539.10 PBTD @ 1496.03

Threads On 1540.27