

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30380
Name: Hupfer Operating, Inc.
Address 1: P.O. Box 3912
Address 2: _____
City: Shawnee State: KS Zip: 66203 + 0912
Contact Person: Dennis D. Hupfer
Phone: (913) 400-3777
CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc.
Wellsite Geologist: Jim Musgrove
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

| | | |
|-----------------------------------|------------------|---|
| <u>5/25/2012</u> | <u>5/30/2012</u> | <u>5/31/2012</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 009-25,687-00-00
Spot Description: 130'W Of
_____ NW NW Sec. 6 Twp. 16 S. R. 13 East West
660 Feet from North / South Line of Section
530 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Bitter "C" Well #: 2
Field Name: Trapp
Producing Formation: None
Elevation: Ground: 1886 Kelly Bushing: 1894
Total Depth: 3324 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 460 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.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 18,000 ppm Fluid volume: 800 bbls
Dewatering method used: Hauled free fluids
Location of fluid disposal if hauled offsite: _____
Operator Name: Hupfer Operating, Inc.
Lease Name: Wittig-Shelton # 1(SWD) License #: 30380
Quarter NW/4 Sec. 16 Twp. 16 S. R. 13W East West
County: Barton Permit #: D-28526

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Dennis D. Hupfer
Title: President Date: July 9, 2012

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: PLA DS Date: 7/13/12

Operator Name: Hupfer Operating, Inc. Lease Name: Bitter "C" Well #: 2

Sec. 6 Twp. 16 S. R. 13 East West County: Barton

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 Wireline Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3001</td> <td>-1107</td> </tr> <tr> <td>Toronto</td> <td>3016</td> <td>-1122</td> </tr> <tr> <td>Lansing</td> <td>3073</td> <td>-1179</td> </tr> <tr> <td>Base K.C.</td> <td>3281</td> <td>-1387</td> </tr> <tr> <td>Arbuckle</td> <td>3320</td> <td>-1430</td> </tr> <tr> <td>RTD</td> <td>3324</td> <td>-1430</td> </tr> </tbody> </table> | Name | Top | Datum | Heebner | 3001 | -1107 | Toronto | 3016 | -1122 | Lansing | 3073 | -1179 | Base K.C. | 3281 | -1387 | Arbuckle | 3320 | -1430 | RTD | 3324 | -1430 |
|--|--|-------|-----|-------|---------|------|-------|---------|------|-------|---------|------|-------|-----------|------|-------|----------|------|-------|-----|------|-------|
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | |
| Heebner | 3001 | -1107 | | | | | | | | | | | | | | | | | | | | |
| Toronto | 3016 | -1122 | | | | | | | | | | | | | | | | | | | | |
| Lansing | 3073 | -1179 | | | | | | | | | | | | | | | | | | | | |
| Base K.C. | 3281 | -1387 | | | | | | | | | | | | | | | | | | | | |
| Arbuckle | 3320 | -1430 | | | | | | | | | | | | | | | | | | | | |
| RTD | 3324 | -1430 | | | | | | | | | | | | | | | | | | | | |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface Pipe | 12 1/4 | 8 5/8 | 24 | 460 | Common | 225 | 2%Gel&3%CC |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate | | | | |
| ___ Protect Casing | | | | |
| ___ Plug Back TD | | | | |
| ___ Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | | | | |
|---|---|---------|-------------|-----------------------|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio Gravity |

| | | |
|---|--|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

HUPFER OPERATING, INC.

Bitter #C-2 NW/4 Sec 6-16-13W

Barton Co., KS

DST #1 - Lansing 3089 to 3180'. 30-30-30-30. Recovered 50' mud. ISIP 505. FSIP 493,
IFP 14-29, FFP 30-40.

DST #2 - Arbuckle - 3276 to 3324'. ⁴⁵⁻³⁰⁻⁴⁵⁻⁴⁵ Recovered 360' muddy water. ISIP 1078, FSIP 1082,
IFP 17-90, FFP 95-154. D&A.

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QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 6/3/2012
 Invoice # 436
 P.O.#:
 Due Date: 7/3/2012
 Division: Russell

Invoice

Contact:
 Hupfer Operating Inc
Address/Job Location:
 Hupfer Operating Inc
 P.O. Box 3912
 Shawnee, KS 66203-0912

Reference:
 BITTER C-2

Description of Work:
 PLUG JOB

| Services / Items Included: | Quantity | Price | Taxable | Item | Quantity | Price | Taxable |
|--|----------|-------------|---------|------|----------|-------|---------|
| Labor | | \$ 1,005.76 | Yes | | | | |
| Common-Class A | 123 | \$ 1,652.83 | Yes | | | | |
| Bulk Truck Mat-Material Service Charge | 212 | \$ 467.01 | Yes | | | | |
| POZ Mix-Standard | 82 | \$ 415.47 | Yes | | | | |
| Pump Truck Mileage-Job to Nearest Camp | 18 | \$ 197.86 | Yes | | | | |
| Premium Gel (Bentonite) | 7 | \$ 125.52 | Yes | | | | |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 18 | \$ 115.78 | Yes | | | | |
| Flo Seal | 50 | \$ 110.14 | Yes | | | | |
| Dry Hole Plug | 1 | \$ 61.68 | Yes | | | | |

Invoice Terms:
 Net 30

SubTotal: \$ 4,152.07
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (622.81)

SubTotal for Taxable Items: \$ 3,529.26
 SubTotal for Non-Taxable Items: \$ -
 Total: \$ 3,529.26
 Tax: \$ 257.64

7.30% Barton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 3,786.89
Applied Payments:
Balance Due: \$ 3,786.89

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.#

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 436

| | | | | | | | | | | | | | | | |
|---------------------|----------------|------|----------|-------|----|--|--|--------|-----------------------|--------------------------------|----|-------------|--|--------|---------|
| Date | 5-31-12 | Sec. | 6 | Twp. | 16 | Range | 13 | County | Barton | State | Ks | On Location | | Finish | 3:15 AM |
| Lease | Bitter | | Well No. | C-2 | | Location | Barton + Russell County Line on | | | | | | | | |
| Contractor | Discovers y #2 | | | | | Owner | 281 Hwy E to 20 Rd, 1/4 S, E/S | | | | | | | | |
| Type Job | plug | | | | | To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | | | | | |
| Hole Size | 8 7/8" | | T.D. | 3324' | | Charge To | Hupfes operating | | | | | | | | |
| Csg. | | | | | | Depth | | | | | | | | | |
| Tbg. Size | 4 1/2" D.P. | | Depth | 3300' | | Street | | | | | | | | | |
| Tool | | | | | | City | State | | | | | | | | |
| Cement Left in Csg. | | | | | | Shoe Joint | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | |
| Meas Line | | | | | | Displace | H ₂ O/mud | | Cement Amount Ordered | 205 sx 60/40 4% Gel 1/4 H.F.S. | | | | | |

EQUIPMENT

| | | | | | |
|---------|------|-----|----------|----------|-----|
| Pumptrk | 9 | No. | Cementor | Common | 123 |
| | | | Helper | | |
| Bulktrk | 8 | No. | Driver | Poz. Mix | 82 |
| | | | Driver | | |
| Bulktrk | p.m. | No. | Driver | Gel. | 7 |
| | | | Driver | | |

JOB SERVICES & REMARKS

| | |
|-----------------------|------------------------------|
| Remarks: | Calcium |
| Rat Hole | Hulls |
| Mouse Hole | Salt |
| Centralizers | Flowseal 50 50 ft |
| Baskets | Kol-Seal |
| D/V or Port Collar | Mud CLR 48 |
| 3300' - 25 sx | CFL-117 or CD110 CAF 38 |
| 875' - 25 sx | Sand |
| 500' - 100 sx | Handling 2/2 |
| 40' - 10 sx w/ plug | Mileage |
| Rathole - 30 sx | FLOAT EQUIPMENT |
| mousehole - 15 sx | Guide Shoe |
| Cement did Circulate. | Centralizer |
| | Baskets |
| | AFU Inserts |
| | Float Shoe |
| | Latch Down |
| | 1 - Dryhole plug |
| | plug |
| | Pumptrk Charge |
| | Mileage 18 |

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X Signature *[Handwritten Signature]*

Tax
Discount
Total Charge



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 5/30/2012
 Invoice # 433
 P.O.#:
 Due Date: 6/29/2012
 Division: Russell

Invoice

Contact:
 Hupfer Operating Inc
Address/Job Location:
 Hupfer Operating Inc
 P.O. Box 3912
 Shawnee, KS 66203-0912

Reference:
 BITTER C-2

Description of Work:
 SURFACE JOB

| Services / Items Included: | Quantity | Price | Taxable | Item | Quantity | Price | Taxable |
|--|----------|-------------|---------|------|----------|-------|---------|
| Labor | | \$ 991.39 | No | | | | |
| Common-Class A | 215 | \$ 2,847.83 | Yes | | | | |
| Bulk Truck Matl-Material Service Charge | 226 | \$ 490.74 | No | | | | |
| Calcium Chloride | 7 | \$ 286.22 | Yes | | | | |
| Pump Truck Mileage-Job to Nearest Camp | 18 | \$ 195.04 | No | | | | |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 18 | \$ 114.13 | No | | | | |
| 8 5/8" Wooden Plug | 1 | \$ 82.51 | Yes | | | | |
| Premium Gel (Bentonite) | 4 | \$ 70.70 | Yes | | | | |

Invoice Terms:

Net 30

SubTotal: \$ 5,078.56
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (761.78)

SubTotal for Taxable Items: \$ 2,794.17
 SubTotal for Non-Taxable Items: \$ 1,522.60
 Total: \$ 4,316.78
 Tax: \$ 203.97

7.30% Barton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 4,520.75
 Applied Payments:
 Balance Due: \$ 4,520.75

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.#

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 433

| | | | | | | | | | | | | | | | | |
|---------------------|-------------|------|------------|------------|----|--|----|--|---------------|-------|----|-------------|--|--------|---------|--|
| Date | 5-26-12 | Sec. | 6 | Twp. | 16 | Range | 13 | County | Barton | State | KS | On Location | | Finish | 8:30 AM | |
| Lease | Bitter | | Well No. | C-2 | | Location Barton - Russell County Line, 3 E, 10 | | | | | | | | | | |
| Contractor | Discover #2 | | | | | | | Owner | 1/4 S, E/Inte | | | | | | | |
| Type Job | Surface | | | | | | | To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | | | | |
| Hole Size | 12 1/4" | | T.D. | 460' | | Charge To | | | | | | | | | | |
| Csg. | 8 7/8" | | Depth | 460' | | Hwyfer operating | | | | | | | | | | |
| Tbg. Size | | | Depth | | | Street | | | | | | | | | | |
| Tool | | | Depth | | | City State | | | | | | | | | | |
| Cement Left in Csg. | 15' | | Shoe Joint | 15' | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | | | |
| Meas Line | | | Displace | 28 1/4 BLS | | Cement Amount Ordered 223 5x Common 3% CC | | | | | | | | | | |

EQUIPMENT

| | | | | | | | |
|---------|------|-----|----------|--------|--|----------|---------|
| Pumptrk | 9 | No. | Cementer | Matt | | 2% Gel | 215 |
| | | | Helper | | | Common | 223 215 |
| Bulktrk | 14 | No. | Driver | Lonnie | | Poz. Mix | |
| | | | Driver | | | Gel. | 4 |
| Bulktrk | piu, | No. | Driver | Rick | | Calcium | 7 |
| | | | Driver | | | Hulls | |

JOB SERVICES & REMARKS

| | | | | |
|--------------------|----------------------|--|-------------------------|---------|
| Remarks: | Cement did Circulate | | Salt | |
| Rat Hole | | | Flowseal | |
| Mouse Hole | | | Kol-Seal | |
| Centralizers | | | Mud CLR 48 | |
| Baskets | | | CFL-117 or CD110 CAF 38 | |
| D/V or Port Collar | | | Sand | |
| | | | Handling | 236 226 |
| | | | Mileage | |

FLOAT EQUIPMENT

| | |
|----------------|-----------------|
| Guide Shoe | |
| Centralizer | |
| Baskets | |
| AFU Inserts | |
| Float Shoe | |
| Latch Down | |
| | 1 - wooden plug |
| Pumptrk Charge | Surface |
| Mileage | 18 |

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X Signature *[Handwritten Signature]*

Tax
Discount
Total Charge



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: Hupfer Operating, Inc. Lic# 30380 Contractor: Discovery Drilling Co., Inc. LIC#31548
P.O. Box 3912 PO Box 763
Shawnee, KS 66203-0912 Hays, KS 67601

Lease: Bitter "C" # 2 Location: 130'W of NW-NW
Section 6/ 16S/ 13W
Barton Co., KS

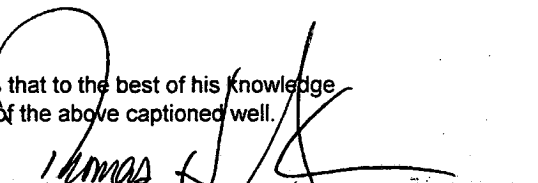
Loggers Total Depth: No Log API#15- 009-25,687-00-00
Rotary Total Depth: 3324' Elevation: 1886 GL / 1994 KB
Commenced: 5/25/2012 Completed: 5/31/2012
Casing: 8 5/8" @ 460'W/225sks Status: D & A

DEPTHS & FORMATIONS (All from KB)

| | | | |
|-----------------------|-------------|--------------|--------------|
| Surface, Sand & Shale | <u>0'</u> | Shale | <u>886'</u> |
| Dakota Sand | <u>335'</u> | Shale & Lime | <u>1522'</u> |
| Shale | <u>405'</u> | Shale | <u>1975'</u> |
| Cedar Hill Sand | <u>515'</u> | Shale & Lime | <u>2496'</u> |
| Red Bed Shale | <u>652'</u> | Lime & Shale | <u>2918'</u> |
| Anhydrite | <u>858'</u> | RTD | <u>3324'</u> |
| Base Anhydrite | <u>886'</u> | | |

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

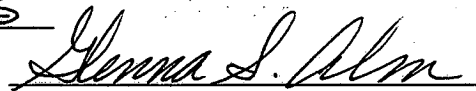
Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

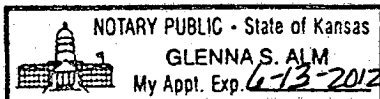

Thomas H. Alm

Subscribed and sworn to before me on 6-13-2012

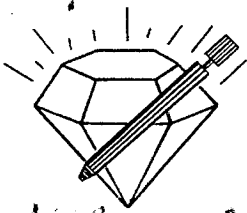
My Commission expires: 8-9-2015

(Place stamp or seal below)


Notary Public



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DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 18:30 5/12/12
 TIME OFF: 10:05 5/12/12

DRILL-STEM TEST TICKET

FILE: 571710-1207

Company HUBBARD OPERATING INC Lease & Well No. RITTER G-2
 Contractor DISCOVERY DRILL RIG Charge to HUBBARD OPERATING INC
 Elevation 12416.8 Formation LANSIA Effective Pay _____ Ft. Ticket No. D1141
 Date 5/12/12 Sec. 6 Twp. 11N S Range 15 W County RITTING State KANSAS
 Test Approved By DAN DISBROW Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3089 ft. to 3120 ft. Total Depth 3180 ft.
 Packer Depth 3184 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3089 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3192 ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Bottom Recorder Depth (Outside) 3177 ft. Recorder Number 11125 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 44 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 91 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 44 P.P.M. Drill Pipe Length 3019 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number NUT REQUIRED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 91 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK (1")
 2nd Open: VERY WEAK (1/4")

Recovered 50 ft. of DRILLING MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: _____

| | |
|--------------------|--------------------|
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| Price Job | RCC WICHITA |
| Other Charges | |
| Insurance | |
| Total | |

Time Set Packer(s) 7:20 A.M. / P.M. Time Started Off Bottom 9:20 A.M. / P.M. Maximum Temperature 125
 Initial Hydrostatic Pressure..... (A) _____ P.S.I.
 Initial Flow Period..... Minutes 30 (B) 25 14 P.S.I. to (C) 50 29 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 5 5 P.S.I.
 Final Flow Period..... Minutes 30 (E) 30 P.S.I. to (F) _____ P.S.I.
 Final Closed In Period..... Minutes 30 (G) 4 2 P.S.I.
 Final Hydrostatic Pressure..... (H) 150 P.S.I.

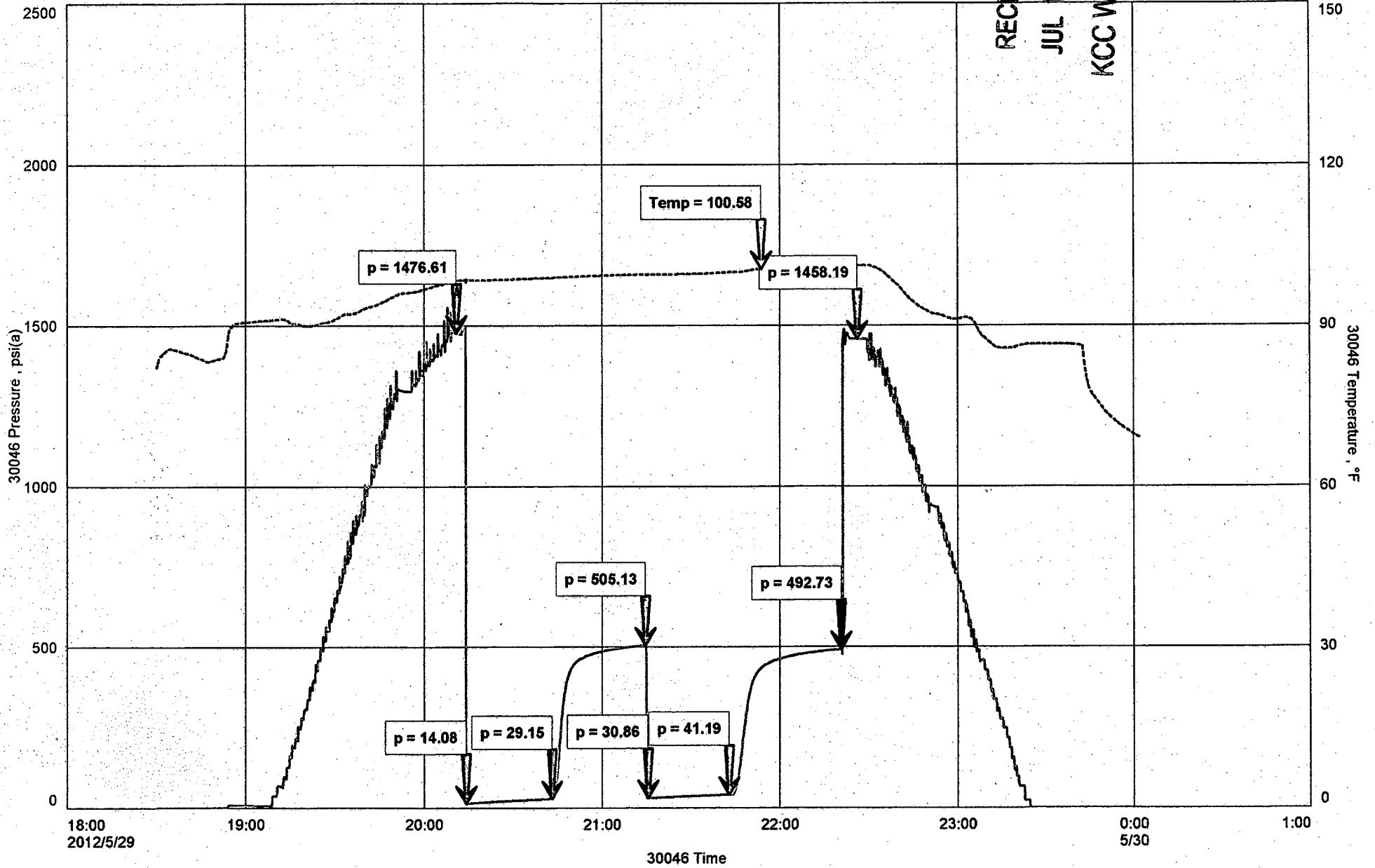
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

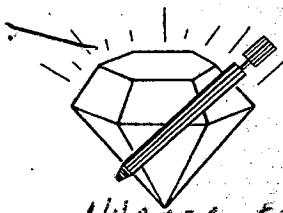
HUPFER OPERATING INC
Start Test Date: 2012/05/29
Final Test Date: 2012/05/30

BITTER C-2

BITTER C-2
Formation: LANSING
Job Number: D1141

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DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 12:30 5/30/12
TIME OFF: 2:10 5/30/12

DRILL-STEM TEST TICKET

FILE: STC/RT/DA/10512 R

Company HUFFER OPERATIONALS INC Lease & Well No. BITTER G-2
Contractor DISCOVERY RIG 2 Charge to HUFFER OPERATIONALS INC
Elevation 1894 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D1142
Date 5/29/12 Sec. 6 Twp. 16 S Range 13 W County BARTON State KANSAS
Test Approved By _____ Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3276 ft. to 3324 ft. Total Depth 3324 ft.
Packer Depth 3271 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3276 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3279 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3321 ft. Recorder Number 11073 Cap. 4000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CEM Viscosity 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 9.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 3228 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NAT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 48 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (BOB 42 MIN) NO RR
2nd Open: STRONG (BOB 25 MIN)

Recovered 36 ft. of MUDDY WATER 23,000 PPM

Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

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Remarks: _____
Price Job KCC WICHITA
Other Charges _____
Insurance _____
Total TOTAL 20

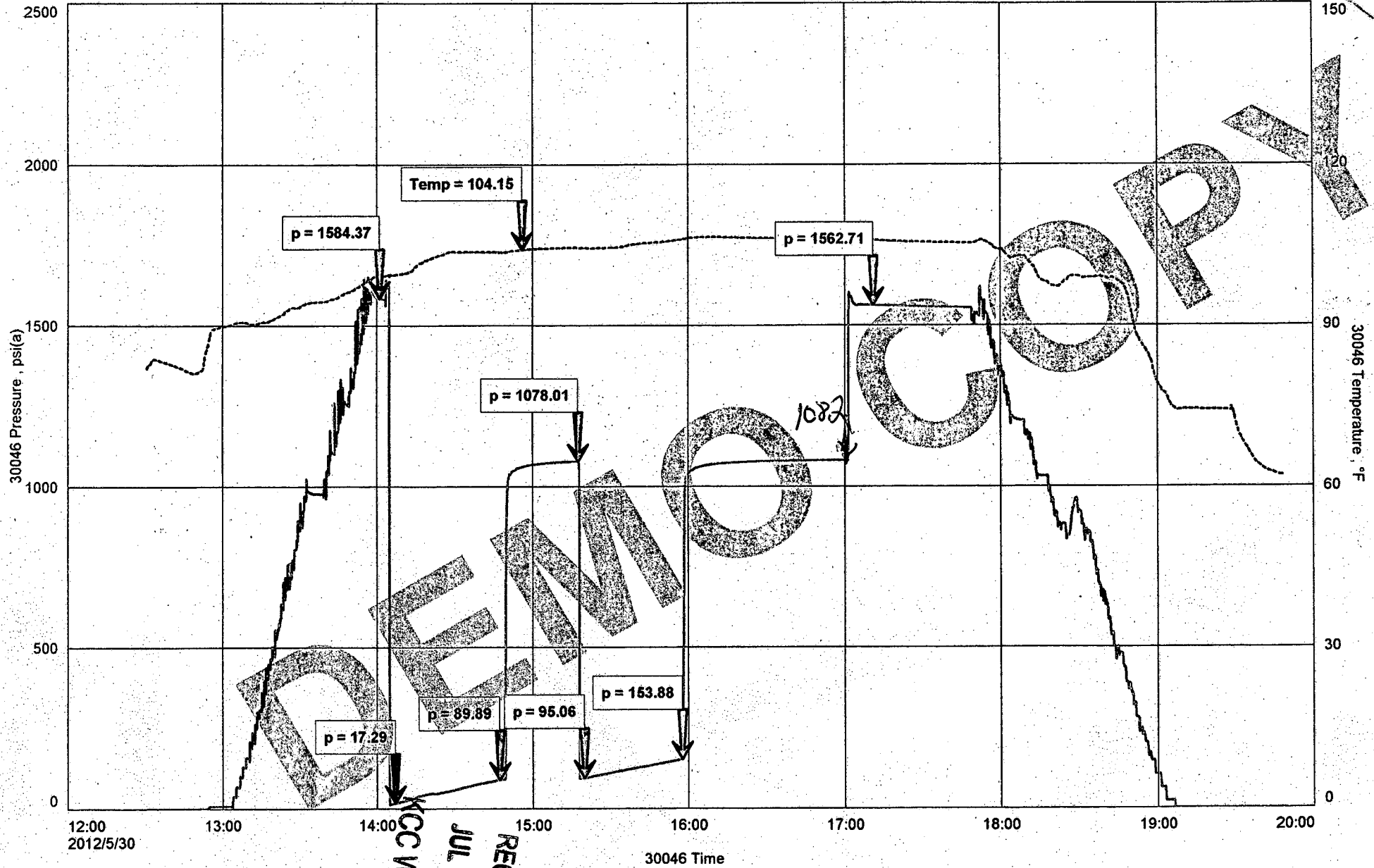
Time Set Packer(s) 2:05 A.M. / P.M. Time Started Off Bottom 4:50 A.M. / P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) 1584 P.S.I.
Initial Flow Period..... Minutes 45 (B) 17 P.S.I. to (C) 90 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1678 P.S.I.
Final Flow Period..... Minutes 45 (E) 95 P.S.I. to (F) 154 P.S.I.
Final Closed In Period..... Minutes 45 (G) 1082 P.S.I.
Final Hydrostatic Pressure..... (H) 1563 P.S.I.

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HUPFER OPERATING
Start Test Date: 2012/05/30
Final Test Date: 2012/05/30

BITTER C-2

Formation: A
Job Number:



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