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JUL 31 2012

KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 32924

Name: Gilbert-Stewart Operating LLC

Address 1: Suite 450

Address 2: 1801 Broadway

City: Denver State: CO Zip: 80202 +

Contact Person: Kent L. Gilbert

Phone: (303) 534-1686

CONTRACTOR: License # 33350

Name: Southwind Drilling

Wellsite Geologist: Derek Patterson

Purchaser: United

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 #: _____

| | | |
|-----------------------------------|-----------------|---|
| April 13, 2012 | April 21, 2012 | May 16, 2012 |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 159-22684 -0000

Spot Description: _____

NW_NW_NW Sec. 7 Twp. 20 S. R. 10 East West

550 Feet from North / South Line of Section

435 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Rice

Lease Name: Big Red Well #: 15

Field Name: Chase Silica

Producing Formation: Arbuckle

Elevation: Ground: 1773' Kelly Bushing: 1780'

Total Depth: 3351' Plug Back Total Depth: 3326'

Amount of Surface Pipe Set and Cemented at: 278' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 3351

feet depth to: 2500' w/ 175 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 10000 ppm Fluid volume: 695 bbls

Dewatering method used: Hauling

Location of fluid disposal if hauled offsite:

Operator Name: Bob's Oil Service

Lease Name: Sieker License #: 32408

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: Barton Permit #: _____

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: Dlg Date: 8/6/12

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: Kent Gilbert

Title: Manager Date: 7-27-12

Operator Name: Gilbert-Stewart Operating LLC Lease Name: Big Red Well #: 15
 Sec. 7 Twp. 20 S. R. 10 East West County: Rice

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DIL, Por, MEL, Sonic | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>2601</td> <td>-821</td> </tr> <tr> <td>Lansing</td> <td>3012</td> <td>-1232</td> </tr> <tr> <td>Arbuckle</td> <td>3271</td> <td>-1491</td> </tr> </table> | Name | Top | Datum | Topeka | 2601 | -821 | Lansing | 3012 | -1232 | Arbuckle | 3271 | -1491 |
| Name | Top | Datum | | | | | | | | | | | |
| Topeka | 2601 | -821 | | | | | | | | | | | |
| Lansing | 3012 | -1232 | | | | | | | | | | | |
| Arbuckle | 3271 | -1491 | | | | | | | | | | | |

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| 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 | 12 1/4" | 8 5/8" | 23# | 278' | Common | 225 sxs | 3% CaCl, 2% Gel |
| Production | 7 7/8" | 5 1/2" | 15.5# | 3349' | Econo-Bond | 175 sxs | 4% Gel, 5% Cal Set |
| | | | | | | | |

KCC WICHITA

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|-----------------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate ___ Protect Casing ___ Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone | 3271-76 | Common w/ lease Crude | 50 | Surfactant |
| | 3284-93 | Common | 50 | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| 4 spf | 3284-3293 | 500 gal 15% Acetic | Same |
| 4 spf | 3271-3276 | 750 gal 15% Acetic/400 gal 15% Ne Fe | Same |
| 4 spf | 3271-73 | 300 gal 15% Ne Fe | Same |
| | | | |

| | | | | | |
|--|-----------|--------------------|--|-----------------------|--|
| TUBING RECORD: | | Size: <u>2 7/8</u> | Set At: <u>3285</u> | Packer At: <u>N/A</u> | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. May 25, 2012 | | | Producing Method: <input type="checkbox"/> Flowing <input checked="" 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 |
| | 2 | 0 | 250 | | |

| | | |
|--|---|---|
| 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: <u>3271-73</u> |
|--|---|---|

BASICSM

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

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JUL 31 2012

FIELD SERVICE TICKET

1718-05876-A

KCC WICHITA

DATE: TICKET NO. 05876A

| | | | | | | | | | |
|--|-----|-------------|-----|---|-----|---|----------|--------------------|------|
| DATE OF JOB: 4-27-12 | | DISTRICT: V | | NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/> | | PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> | | CUSTOMER ORDER NO. | |
| CUSTOMER: G. Ibbot + Stewart Operating | | | | LEASE: 0.0 | | WELL NO. | | | |
| ADDRESS: | | | | COUNTY: D. 27 | | STATE: KS | | | |
| CITY: | | | | STATE: | | SERVICE CREW: All Mike Blouc | | | |
| AUTHORIZED BY: | | | | JOB TYPE: 5/17-1-ETLO + | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | AM/PM | TIME |
| 19985-1992 | 2 | | | | | | 4-21-12 | AM | 11:5 |
| 19832-21010 | 2 | | | | | | 4-27-12 | AM | 7:00 |
| | | | | | | ARRIVED AT JOB | 4-21-12 | AM | 11:5 |
| | | | | | | START OPERATION | 4-27-12 | AM | 7:00 |
| | | | | | | FINISH OPERATION | 4-27-12 | AM | 7:00 |
| | | | | | | RELEASED | 11-27-12 | AM | 7:00 |
| | | | | | | MILES FROM STATION TO WELL | 7.5 | | |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|------------|
| E100 | unit 100 | | 1 | | \$ 318.75 |
| E101 | unit 101 | | 1 | | \$ 1050.00 |
| E113 | unit 113 | | 7 | | \$ 1044.00 |
| E214 | unit 214 | | 1 | | \$ 2160.00 |
| E220 | unit 220 | | 305 | | \$ 287.00 |
| E224 | unit 224 | | 1 | | \$ 250.00 |
| E225 | unit 225 | | 1 | | \$ 175.00 |

SUB TOTAL: 29,530.51

| CHEMICAL / ACID DATA | | | |
|----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|-------------|--|
| SERVICE & EQUIPMENT | % TAX ON \$ | |
| MATERIALS | % TAX ON \$ | |
| TOTAL | | |

SERVICE REPRESENTATIVE: *Alfred*
 THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
 (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handling, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting therefrom, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass or damage to oil well operations or services performed. This provision applying to any claims or legal actions by property owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES. Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

BASIC
ENERGY SERVICES
PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

RECEIVED

JUL 31 2012

KCC WICHITA

FIELD SERVICE TICKET

1718 06227 A

DATE _____ TICKET NO. _____

| | | | |
|--|--|--|--|
| 5-12 DISTRICT <i>Pratt</i> | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: | |
| <i>Gilbert & Stewart</i> | | LEASE <i>Big Red</i> WELL NO. <i>15</i> | |
| CITY _____ STATE _____ | | COUNTY <i>Rice</i> STATE <i>KS</i> | |
| AUTHORIZED BY _____ | | SERVICE CREW <i>Orlando, Nelson, Mitchell, Phye</i> | |
| EQUIPMENT# HRS EQUIPMENT# HRS EQUIPMENT# HRS | | TRUCK CALLED <i>5-3-72</i> DATE <i>5-3-72</i> AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> TIME <i>6:00</i> | |
| <i>27283 1 1/2</i> | | ARRIVED AT JOB <i>8:00</i> AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> | |
| <i>27463 1 1/2</i> | | START OPERATION <i>9:00</i> AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> | |
| <i>19918-19960 1 1/2</i> | | FINISH OPERATION <i>10:30</i> AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> | |
| | | RELEASED <i>11:00</i> AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> | |
| | | MILES FROM STATION TO WELL <i>75</i> | |
| | | JOB TYPE: <i>Squeeze CNW</i> | |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| CP100C | Common | SK | 25 | | 400 00 |
| CP100C | Common | SK | 75 | | 1200 00 |
| CC105 | C-4IP | LB | 6 | | 24 00 |
| CC112 | Friction Reducer | LB | 8 | | 48 00 |
| CC129 | FLA-322 | LB | 10 | | 90 00 |
| E100 | Pickup mileage | M. | 75 | | 312 75 |
| E101 | Heavy Equipment Mileage | M. | 150 | | 1050 00 |
| E113 | Bulk Delivery Charge | Tm | | | 570 00 |
| CF204 | Depth Charge 3001-4000 | QA | 1 | | 2160 00 |
| CF240 | Blending Mixing | SK | 100 | | 140 00 |
| SD03 | Service Supervisor | QA | 1 | | 175 00 |
| CF500 | Cement Squeeze Manifold | QA | 1 | | 430 00 |

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | | |
|---------------------|------------|------------|---------------|
| SUB TOTAL | | <i>DLS</i> | <i>541672</i> |
| SERVICE & EQUIPMENT | %TAX ON \$ | | |
| MATERIALS | %TAX ON \$ | | |
| TOTAL | | | |

SERVICE REPRESENTATIVE *Steve Orlando* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

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Taxes:

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Towing Charges:

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Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting therefrom, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface well operations or services performed hereunder. This provision applying to any Customer, well owners, working interest holders, or any other person.

Should any of our equipment become lost in the well when performing our services hereunder, it is the Customer's responsibility to recover the equipment. The Customer shall assume the responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

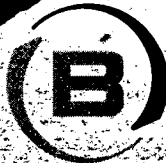
BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

RECEIVED
JUL 31 2012

FIELD SERVICE TICKET
1718 05473 A

KCC WICHITA

DATE: _____ TICKET NO: _____

| | | | | | | | | | |
|--------------------------------|-----|--------------------|-----|--|-----|----------------------------|-----------|----|------|
| DATE OF JOB: 5-9-12 | | DISTRICT: PLATT KS | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: | | | | | |
| CUSTOMER: GILBERT STEWART OPER | | | | LEASE: BIG RED WELL NO. 15 | | | | | |
| ADDRESS: | | | | COUNTY: RICE STATE: KS | | | | | |
| CITY: | | | | SERVICE CREW: [Signature] | | | | | |
| AUTHORIZED BY: | | | | JOB TYPE: [Signature] | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE: 5-9 | AM | TIME |
| 19401 | | 19431 | 3 | | | | | | 1200 |
| | | 19421 | 3 | | | ARRIVED AT JOB | | AM | 1730 |
| 19445 | 3 | | | | | START OPERATION | | AM | 0720 |
| 19448 | 3 | | | | | FINISH OPERATION | | AM | 1130 |
| | | | | | | RELEASED | | AM | 1200 |
| | | | | | | MILES FROM STATION TO WELL | | | 75 |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE-REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| E100C | CEMENT (25000) | SU | 50 | | 800.00 |
| E112L | 11-53L | gal | 5 | | 600.00 |
| E100 | TRUCK RENTAL | mile | 75 | | 318.75 |
| E101 | TRUCK RENTAL | mile | 150 | | 1050.00 |
| E113 | BLACK OIL PUMP | TR | 176 | | 287.00 |
| E120D | DIET II (1000) 300-4000 8 | EA | 1 | | 2160.00 |
| E124C | ALUMINUM (1000) 1500 | EA | 50 | | 70.00 |
| E100B | SEMI-TRUCK RENTAL | EA | 1 | | 175.00 |

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|------------|-------------|
| SUB TOTAL | | DL5 4473.72 |
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | |

SERVICE REPRESENTATIVE: Kevin [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handling, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025

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

No. 5491

Cell 785-324-1041

| | | | | | | | | | | | | | | | | |
|--|--------------|----------|------------|------------|------------------------------------|-------|-----------------------|---|---------|-------|----|-------------|--|--------|---------|--|
| Date | 4-13-12 | Sec. 7 | 20 | Twp. | 20 | Range | 10 | County | Rice | State | Ks | On Location | | Finish | 8:15 AM | |
| Lease | Big Red | Well No. | #15 | Location | Barton - Rice County Line, 1 1/4 S | | | | | | | | | | | |
| Contractor | Southwind #4 | | | | | | | Owner | E. Int. | | | | | | | |
| 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. | 278' | | | | | | | | | | | | |
| Csg. | 8 5/8" | | Depth | 278' | | | | | | | | | | | | |
| Tbg. Size | | | Depth | | | | | | | | | | | | | |
| Tool | | | Depth | | | | | | | | | | | | | |
| Cement Left in Csg. | 20' | | Shoe Joint | 20' | | | | | | | | | | | | |
| Meas Line | | | Displace | 16 1/4 BUS | | | | | | | | | | | | |
| | | | | | | | Charge To | Gilbert + Stewart | | | | | | | | |
| | | | | | | | Street | | | | | | | | | |
| | | | | | | | City | State | | | | | | | | |
| The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | | | | | | | | | |
| | | | | | | | Cement Amount Ordered | 225 5x Common 3 1/2 CC | | | | | | | | |

EQUIPMENT

| | | | | | | | | | | | | | | | |
|---------|------|-----|----------|---------|--|--|--|--|--|--|--|--|--|--|--|
| Pumptrk | 15 | No. | Cementer | Brian | | | | | | | | | | | |
| | | | Helper | | | | | | | | | | | | |
| Bulktrk | 8 | No. | Driver | Lonnice | | | | | | | | | | | |
| | | | Driver | | | | | | | | | | | | |
| Bulktrk | p.u. | No. | Driver | Rick | | | | | | | | | | | |
| | | | Driver | | | | | | | | | | | | |

JOB SERVICES & REMARKS

| | | | | | | | | | | | | | | | |
|--------------------|----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Remarks: | Cement did Circulate | | | | | | | | | | | | | | |
| Rat Hole | | | | | | | | | | | | | | | |
| Mouse Hole | | | | | | | | | | | | | | | |
| Centralizers | | | | | | | | | | | | | | | |
| Baskets | | | | | | | | | | | | | | | |
| D/V or Port Collar | | | | | | | | | | | | | | | |
| | Sand | | | | | | | | | | | | | | |
| | Handling | | | | | | | | | | | | | | |
| | Mileage | | | | | | | | | | | | | | |

FLOAT EQUIPMENT

| | | | | | | | | | | | | | | | |
|--|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | Guide Shoe | | | | | | | | | | | | | | |
| | Centralizer | | | | | | | | | | | | | | |
| | Baskets | | | | | | | | | | | | | | |
| | AFU Inserts | | | | | | | | | | | | | | |
| | Float Shoe | | | | | | | | | | | | | | |
| | Latch-Down | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|-------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | Pumptrk Charge | | | | | | | | | | | | | | |
| | Mileage | | | | | | | | | | | | | | |
| | Tax | | | | | | | | | | | | | | |
| | Discount | | | | | | | | | | | | | | |
| | Total Charge | | | | | | | | | | | | | | |
| X Signature | Robert Stevenson | | | | | | | | | | | | | | |

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JUL 31 2012

KCC WICHITA

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

- **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

- **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

- **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



GILBERT-STEWART
OPERATING LLC

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Scale 1:240 (5"=100') Imperial

Well Name: Big Red #15
Location: Sec. 7 - T20S - R10W, Rice County, KS
Licence Number: API No.: 15-159-22684-0000
Spud Date: April 13, 2012
Surface Coordinates: 550' FNL & 435' FWL; 3-D Location

Region: Chase-Silica
Drilling Completed: April 21, 2012

Bottom Hole Coordinates:

Ground Elevation (ft): 1773' K.B. Elevation (ft): 1780'
Logged Interval (ft): 2516' To: 3350' Total Depth (ft): 3351' (LTD)
Formation: Arbuckle
Type of Drilling Fluid: Chemical Gel/Polymer

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Gilbert-Stewart Operating, LLC
Address: 1801 Broadway, Suite 450
Denver, CO 80202

GEOLOGIST

Name: Derek W. Patterson
Company: Valhalla Exploration, LLC
Address: 133 N. Glendale
Wichita, KS 67208

REMARKS

After review of the geologic log, DST results, and open hole logs for the Big Red #15, it was agreed upon by all parties to run 5 1/2" production casing to further evaluate the multiple zones encountered while drilling said well.

The well samples were saved, submitted, and will be available for review at the Kansas Geologic Survey's Well Sample Library located in Wichita, KS.

Respectfully Submitted,

Derek W. Patterson

COMMENTS

Please Note: the drill time, gas curves, and DST intervals have been shifted 2' deeper/lower to correspond to the electric log curves.

The RTD was 3350' and LTD 3351'.



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General Information

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Service Companies

Drilling Contractor: Southwind Drilling Company - Rig #4

Tool Pusher: Robert Stevenson

Daylight Driller: Brent Babcock

Evening Driller: Mike Savage

Morning Driller: Shawn Epp

Gas Detector: Bluestem Environmental

Engineer: Sidney Edelbrock

Unit: 0279

Operational By: 2516'

Drilling Fluid: Mud-Co/Service Mud

Engineers: Rick Hughes/Jason Whiting

Logging Company: Log-Tech

Engineer: Chris Desaire

Log Ran: DI, CDNL, Micro, Sonic

Testing Company: Superior Testers

Testers: Dylan Ellis/Dustin Ellis

Deviation Survey

| Depth | Survey |
|-------------|--------|
| 278' | 1 1/2° |
| 2546' | 0° |
| 3086' | 1° |
| RTD - 3350' | 1° |

Pipe Strap

| Depth | Pipe Strap |
|-------|---------------------|
| 3086' | 2.76' Long to Board |

Bit Record

| Bit # | Size | Make | Type | Serial Number | Depth In | Depth Out | Feet | Hours |
|-------|---------|------|------|---------------|----------|-----------|-------|-------|
| 1 | 12 1/4" | JZ | C-1 | 5012522 | 0' | 278' | 278' | 2.75 |
| 2 | 7 7/8" | Reed | S-52 | 156899 | 278' | 3350' | 3072' | 81.75 |

Surface Casing

4.13.2012

Ran 6 joints of new 24#/ft 8 5/8" casing, tallying 268', set @ 278'.

Cemented with 225 sacks common (3% calcium chloride, 2% gel). Cement did circulate.

Plug down @ 2015 hrs 4.13.12. By Quality.

Production Casing

4.22.2012

Ran 82 joints of new 15 1/2 #/ft 5 1/2" production casing, tallying 3353.20', set @ 3349.01'.

Cemented with 125 sacks of Econo-Bond and 50 sacks of 60/40 scavenger.

Plug down @ 0645 hrs 4.22.12. By Basic.



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Daily Drilling Report

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| Date | 7:00 AM Depth | Previous 24 Hours of Operations |
|-----------|----------------------------|--|
| 4.17.2012 | 2859' | Drilling and connections Topeka. Geologist Derek W. Patterson on location, 2330 hrs 4.16.12. Test system with positive response. Resume drilling and connections Topeka. Made 499' over past 24 hrs of operations. WOB: 25k RPM: 70 PP: 800 SPM: 60 DMC: \$4,828.45 CMC: \$4,829.20 |
| 4.18.2012 | 3086' | Drilling and connections Topeka, Heebner, Toronto, Douglas, and into Brown Lime. CTCH, short trip @ 2983' (20 stands), 1220 hrs 4.17.12. CTCH, resume drilling following short trip, 1525 hrs 4.7.12. Test system with positive response. Drilling and connections Brown Lime and into Lansing. CFS @ 3028' (LKC 'A'). Resume drilling and connections Lansing. CFS @ 3062' (LKC 'D'). Resume drilling and connections Lansing. CFS @ 3088' (LKC 'F'). Shows and gas kick warrant DST. CTCH, drop survey, strap out for DST #1, 2335 hrs 4.17.12. TIH with tool. Conducting DST #1. Made 227' over past 24 hrs of operations. WOB: 30k RPM: 70 PP: 800 SPM: 60 DMC: \$560.00 CMC: \$5,489.60 |
| 4.19.2012 | 3160' | Conducting DST #1, test successful. TIH with bit. CTCH, run in premix, resume drilling following DST #1, 1230 hrs 4.18.12. Drilling Lansing. CFS @ 3100' (LKC 'G'). Shows and zone development warrant DST. CTCH, TOH for DST #2, 1415 hrs 4.18.12. TIH with tool. Conducting DST #2, test successful. TIH with bit, CTCH, resume drilling following DST #2, 0110 hrs 4.19.12. Drilling and connections Lansing. CFS @ 3160' (LKC 'H'). Shows and zone development warrant DST. CTCH, TOH for DST #3, 0615 hrs 4.19.12. Made 74' over past 24 hrs of operations. WOB: 30k RPM: 70 PP: 800 SPM: 60 DMC: \$1,545.95 CMC: \$7,035.55 |
| 4.20.2012 | 3233' | TOH for DST #3, TIH with tool. Conducting DST #3. Decision made to pull test early due to negative results. Production casing on location. TIH with bit, CTCH, resume drilling following DST #3, 1445 hrs 4.19.12. Drilling and connections Lansing. CFS @ 3194' (LKC 'J'). Shows, gas kick, and zone development warrants DST. CTCH, TOH for DST #4, 1620 hrs 4.19.12. TIH with tool. Conducting DST #4, test successful. TIH with bit, CTCH, run in premix, resume drilling following DST #4, 0500 hrs 4.20.12. Drilling and connections Lansing. Made 73' over past 24 hrs of operations. WOB: 30k RPM: 70 PP: 800 SPM: 60 DMC: \$1,611.65 CMC: \$8,647.20 |
| 4.21.2012 | 3308' | Drilling and connections Lansing, Base Kansas City, and into Arbuckle. CFS @ 3278' (Arb). Shows and gas kick warrant DST. CTCH, TOH for DST #5, 1115 hrs 4.20.12. TIH with tool. Conducting DST #5, test successful. TIH with bit, CTCH, run in premix, resume drilling following DST #5, 2320 hrs 4.20.12. Drilling and connections Arbuckle. CFS @ 3308' (Arb). Shows warrant DST. CTCH, TOH for DST #6, 0205 hrs 4.21.12. TIH with tool. Conducting DST #6. Made 75' over past 24 hrs of operations. WOB: 30k RPM: 70 PP: 800 SPM: 60 DMC: \$2,033.15 CMC: \$10,680.35 |
| 4.22.2012 | RTD - 3350' LTD - 3551' | Conducting DST #6, test successful. TIH with bit, resume drilling following DST #6, 1150 hrs 4.21.12. Drilling and connections ahead to RTD of 3350'. RTD reached, 1326 hrs 4.21.12. CTCH, drop survey, TOH for open hole logging operations, 1445 hrs 4.21.12. Commence open hole logging operations, 1630 hrs 4.21.12. Open hole logging operations complete, 1945 hrs 4.21.12. Orders received to run 5 1/2" production casing for further evaluation of the multiple zones encountered while drilling the Big Red #15. Geologist Derek W. Patterson off location, 2020 hrs 4.21.12. Made 75' over past 24 hrs of operations. WOB: 30k RPM: 70 PP: 800 SPM: 60 DMC: \$517.95 CMC: \$11,198.30 |



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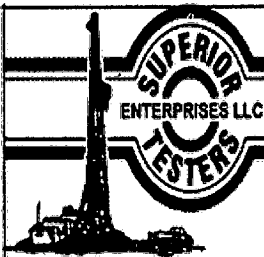
Well Comparison Sheet

| Drilling Well | | | | | Comparison Well | | | | Comparison Well | | | | |
|--|--------|---------|------|---------|---|-----------|----------------------------|-----|--|-----------|----------------------------|-----|---|
| Gilbert-Stewart Operating - Big Red #15 550' FNL & 435' FWL Sec. 7 - T20S - R10W | | | | | Magnolia Petroleum - Bayer #2 NW NW NW Sec. 7 - T20S - R10W | | | | Okmar Energy - Bayer #1 'Twin' NE NW NW Sec. 7 - T20S - R10W | | | | |
| 1780 KB | | | | | Oil - Arbuckle 1778 KB | | Structural Relationship | | Oil - Arbuckle 1779 KB | | Structural Relationship | | |
| Formation | Sample | Sub-Sea | Log | Sub-Sea | Log | Sub-Sea | Sample | Log | Log | Sub-Sea | Sample | Log | |
| Topoka | 2598 | -818 | 2601 | -821 | | | | | | 2604 | -825 | 7 | 4 |
| King Hill | 2696 | -916 | 2699 | -919 | | | | | | 2702 | -923 | 7 | 4 |
| Queen Hill | 2768 | -988 | 2772 | -992 | | | | | | 2775 | -996 | 8 | 4 |
| Hoebner | 2861 | -1081 | 2863 | -1083 | 2865 | -1087 | 6 | 4 | 2865 | -1086 | 5 | 3 | |
| Toronto | 2863 | -1103 | 2884 | -1104 | 2888 | -1110 | 7 | 6 | 2887 | -1108 | 5 | 4 | |
| Oouglas | 2890 | -1110 | 2892 | -1112 | 2894 | -1116 | 6 | 4 | 2895 | -1116 | 6 | 4 | |
| Brown Lime | 2980 | -1200 | 2983 | -1203 | 2884 | -1206 | 6 | 3 | 2888 | -1209 | 9 | 6 | |
| Lensing | 3010 | -1230 | 3012 | -1232 | 3013 | -1235 | 6 | 3 | 3014 | -1236 | 5 | 3 | |
| LKC 'F' | 3076 | -1296 | 3076 | -1296 | 3079 | -1301 | 6 | 5 | 3082 | -1303 | 7 | 7 | |
| LKC 'G' | 3089 | -1309 | 3091 | -1311 | 3094 | -1316 | 7 | 5 | 3095 | -1316 | 7 | 5 | |
| Muncie Creek | 3136 | -1356 | 3140 | -1360 | 3141 | -1363 | 7 | 3 | 3141 | -1362 | 6 | 2 | |
| LKC 'H' | 3147 | -1367 | 3150 | -1370 | 3164 | -1376 | 9 | 6 | 3162 | -1373 | 6 | 3 | |
| Stark | 3206 | -1426 | 3209 | -1429 | 3212 | -1434 | 8 | 5 | 3211 | -1432 | 6 | 3 | |
| LKC 'K' | 3213 | -1433 | 3216 | -1436 | 3234 | -1456 | 23 | 20 | 3216 | -1437 | 4 | 1 | |
| Hushpuckney | 3247 | -1467 | 3250 | -1470 | 3241 | -1463 | -4 | -7 | 3251 | -1472 | 5 | 2 | |
| Base Kansas City | 3260 | -1470 | 3263 | -1473 | 3244 | -1466 | -4 | -7 | 3263 | -1474 | 4 | 1 | |
| Arbuckle | 3270 | -1490 | 3271 | -1491 | 3281 (s) | -1503 (s) | 13 | 12 | 3271 (s) | -1492 (s) | 2 | 1 | |
| Total Depth | 3350 | -1570 | 3351 | -1571 | 3280 | -1512 | -58 | -59 | 3272 | -1493 | -77 | -78 | |

(s) - Denotes Sample Top

(s) - Denotes Sample Top

Please Note: DST intervals need to be shifted 2' lower/deeper to correspond with the electric log curves.



DRILL STEM TEST REPORT

Gilbert+Stewart Operating
 Suite 450 1801 Broadway
 Denver, Colorado 80202
 ATTN: Derek Patterson

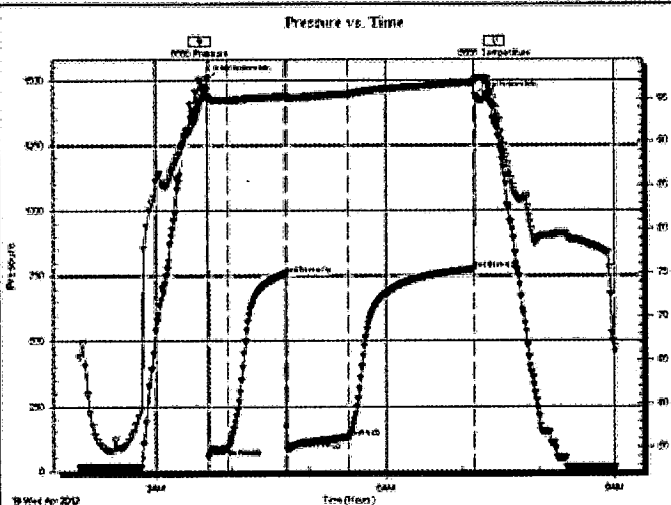
7/20S/10W Rice Co
 Big Red#15
 Job Ticket: 17334 DST#: 1
 Test Start: 2012.04.18 @ 02:00:00

GENERAL INFORMATION:

Formation: **Lansing "E-F" Zone**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 03:41:30
 Time Test Ended: 09:01:00
 Interval: **3056.00 ft (KB) To 3086.00 ft (KB) (TVD)**
 Total Depth: **3086.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Dylan E Ellis**
 Unit No: **3345/Great Bend/40**
 Reference Elevations: **1780.00 ft (KB)**
1773.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: **6666** Outside
 Press@RunDepth: **130.45 psia @ 3083.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.04.18** End Date: **2012.04.18** Last Calib.: **2012.04.18**
 Start Time: **02:01:00** End Time: **09:01:00** Time On Btm: **2012.04.18 @ 03:41:00**
 Time Off Btm: **2012.04.18 @ 07:10:30**

TEST COMMENT: 1ST Opening 15 Minutes steady building blow/blow blew to bottom of bucket in 5 minutes
 1ST Shut-In 45 Minutes no blow back
 2ND Opening 45 Minutes very strong blow/blow blew to bottom of bucket in 30 seconds, GTS 30", TSTM
 2ND Shut-In 90 Minutes yes blow back



PRESSURE SUMMARY

| Time (Mn.) | Pressure (psia) | Temp (deg F) | Annotation |
|------------|-----------------|--------------|----------------------|
| 0 | 1504.06 | 95.20 | Initial Hydro-static |
| 1 | 53.62 | 94.94 | Open To Flow (1) |
| 16 | 85.31 | 94.75 | Shut-In(1) |
| 61 | 755.71 | 95.18 | End Shut-In(1) |
| 63 | 81.05 | 95.01 | Open To Flow (2) |
| 110 | 130.45 | 95.50 | Shut-In(2) |
| 209 | 772.81 | 96.81 | End Shut-In(2) |
| 210 | 1439.26 | 97.23 | Final Hydro-static |

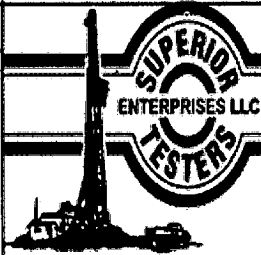
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------|--------------|
| 30.00 | Clean gassy oil/40%gas 60%oil | 0.15 |
| 126.00 | Mud cut Oil and Gas | 0.96 |
| 0.00 | 10%Mud 20%Oil 70%Gas | 0.00 |
| 126.00 | Mud cut Oil and Gas | 1.77 |
| 0.00 | 20%Mud Oil%20 60%Gas | 0.00 |
| 0.00 | Gravity of Oil corrected 44 | 0.00 |

Gas Rates

| Choke (Inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |

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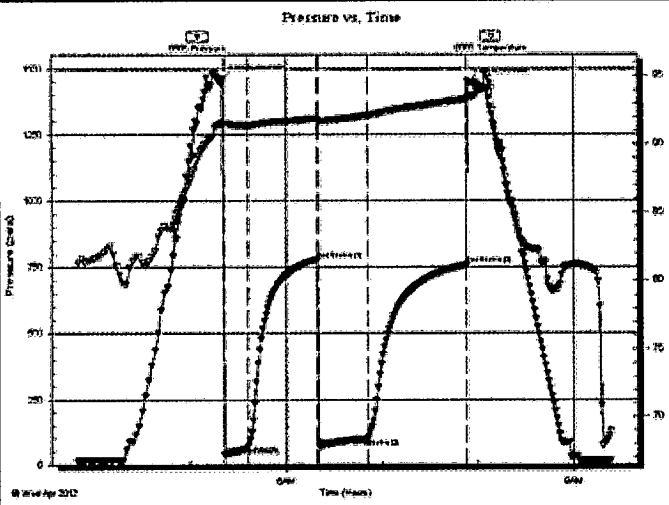
7/20S/10W Rice Co
Big Red#15
 Job Ticket: 17335 DST#: 2
 Test Start: 2012.04.18 @ 03:49:00

GENERAL INFORMATION:

Formation: **Lansing "G" Zone**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: **05:21:30**
 Tester: **Dylan E Ellis**
 Time Test Ended: **09:24:00**
 Unit No: **3345/Great Bend/40**
 Interval: **3085.00 ft (KB) To 3100.00 ft (KB) (TVD)**
 Reference Elevations: **1780.00 ft (KB)**
 Total Depth: **3100.00 ft (KB) (TVD)**
 Reference Elevations: **1773.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **7.00 ft**

Serial #: **6666** Outside
 Press@RunDepth: **97.64 psia @ 3097.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.04.18** End Date: **2012.04.18** Last Calib.: **2012.04.18**
 Start Time: **03:49:00** End Time: **09:24:00** Time On Btm: **2012.04.18 @ 05:20:30**
 Time Off Btm: **2012.04.18 @ 07:54:00**

TEST COMMENT: 1ST Opening 15 Minutes steady building blow/blow blew 8 inches into bucket of water
 1ST Shut-in 45 Minutes no blow back
 2ND Opening 30 Minutes very weak blow /flushed tool/good surge/no help/0.50 inch blow
 2ND Shut-in 60 Minutes no blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1461.93 | 91.56 | Initial Hydro-static |
| 1 | 40.00 | 91.48 | Open To Flow (1) |
| 16 | 65.09 | 91.36 | Shut-in(1) |
| 59 | 777.16 | 91.85 | End Shut-in(1) |
| 60 | 69.08 | 91.70 | Open To Flow (2) |
| 91 | 97.64 | 92.07 | Shut-in(2) |
| 153 | 756.72 | 93.27 | End Shut-in(2) |
| 154 | 1447.74 | 93.43 | Final Hydro-static |

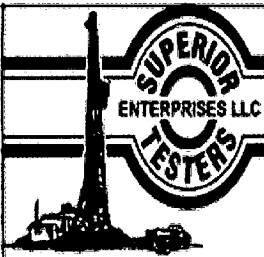
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------------|--------------|
| 141.00 | Muddy Water/20%Mud 80%Water | 0.89 |
| 0.00 | Chlorides were 80,000.0 | 0.00 |
| 0.00 | Resistivity .10 @ 79 degree | 0.00 |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psia) | Gas Rate (McF/D) |
|----------------|-----------------|------------------|
| | | |

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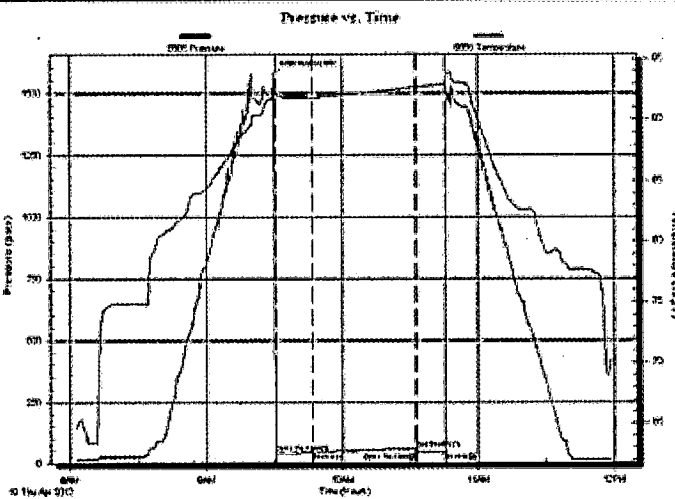
7/20S/10W Rice Co
 Big Red#15
 Job Ticket: 17336 DST#: 3
 Test Start: 2012.04.19 @ 08:02:00

GENERAL INFORMATION:

Formation: **Lansing H Zone**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **09:30:30**
 Time Test Ended: **11:58:30**
 Interval: **3132.00 ft (KB) To 3160.00 ft (KB) (TVD)**
 Total Depth: **3160.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Dylan E Ellis**
 Unit No: **3345/Great Bend/40**
 Reference Elevations: **1780.00 ft (KB)**
1773.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: **6666** Outside
 Press@RunDepth: **43.07 psia @ 3157.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.04.19** End Date: **2012.04.19** Last Calib.: **2012.04.19**
 Start Time: **08:02:00** End Time: **11:58:30** Time On Btm: **2012.04.19 @ 09:30:00**
 Time Off Btm:

TEST COMMENT: 1ST Opening 15 Minutes very weak surface blow /blow died in 3 minutes/flushed tool/no help
 1ST Shut-in 45 Minutes no blow back
 2ND Opening 10 Minutes blow dead
 2ND Shut-in 0 Minutes didnt have one pulled the tool



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1573.82 | 91.74 | Initial Hydro-static |
| 1 | 42.39 | 91.58 | Open To Flow (1) |
| 17 | 43.07 | 91.88 | Shut-In(1) |
| 62 | 57.50 | 92.66 | End Shut-In(1) |
| 63 | 43.82 | 92.68 | Open To Flow(2) |
| 76 | 43.52 | 92.96 | Shut-In(2) |

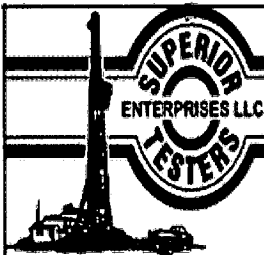
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 3.00 | Mud 100% | 0.01 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |

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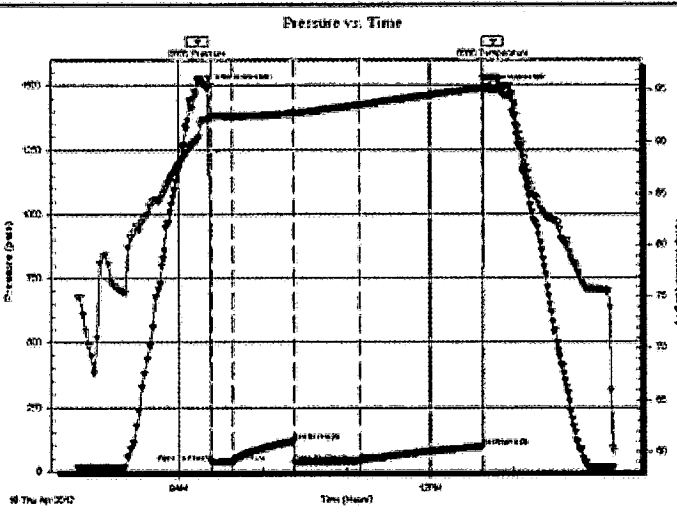
7/20S/10W Rice Co
 Big Red#15
 Job Ticket: 17337 DST#: 4
 Test Start: 2012.04.19 @ 07:46:00

GENERAL INFORMATION:

Formation: **Lansing "J" Zone**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 09:23:00
 Time Test Ended: 14:13:00
 Interval: **3182.00 ft (KB) To 3194.00 ft (KB) (TVD)**
 Total Depth: **3194.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Dylan E Ellis**
 Unit No: **3345/Great Bend/40**
 Reference Elevations: **1780.00 ft (KB)**
1773.00 ft (CF)
 KB to GR/OF: **7.00 ft**

Serial #: **6666** Outside
 Press@RunDepth: **40.44 psia @ 3191.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.04.19** End Date: **2012.04.20** Last Calib.: **2012.04.20**
 Start Time: **07:46:00** End Time: **14:13:00** Time On Blm: **2012.04.19 @ 09:21:00**
 Time Off Blm: **2012.04.19 @ 12:39:00**

TEST COMMENT: 1ST Opening 15 Minutes weak building blow /blow blew 5 inches into bucket of water
 1ST Shut-in 45 Minutes no blow back
 2ND Opening 45 Minutes weak building blow /blow blew 10 inches into bucket of water
 2ND Shut-in 90 Minutes no blow back

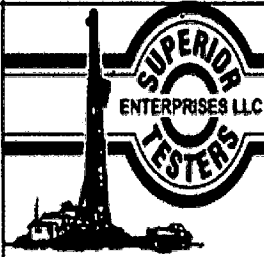


| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
| 0 | 1490.63 | 92.16 | Initial Hydro-static |
| 2 | 32.32 | 92.47 | Open To Flow (1) |
| 17 | 35.25 | 92.46 | Shut-in(1) |
| 61 | 114.41 | 92.77 | End Shut-in(1) |
| 62 | 32.52 | 92.75 | Open To Flow (2) |
| 109 | 40.44 | 93.53 | Shut-in(2) |
| 197 | 93.45 | 95.15 | End Shut-in(2) |
| 198 | 1485.18 | 95.14 | Final Hydro-static |

| Recovery | | |
|-------------|---------------------------------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 15.00 | very lightly oil spotted mud/100% mud | 0.07 |
| | | |
| | | |
| | | |
| | | |

| Gas Rates | | |
|----------------|-----------------|------------------|
| Choke (Inches) | Pressure (psia) | Gas Rate (Mcf/d) |
| | | |
| | | |
| | | |

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DRILL STEM TEST REPORT

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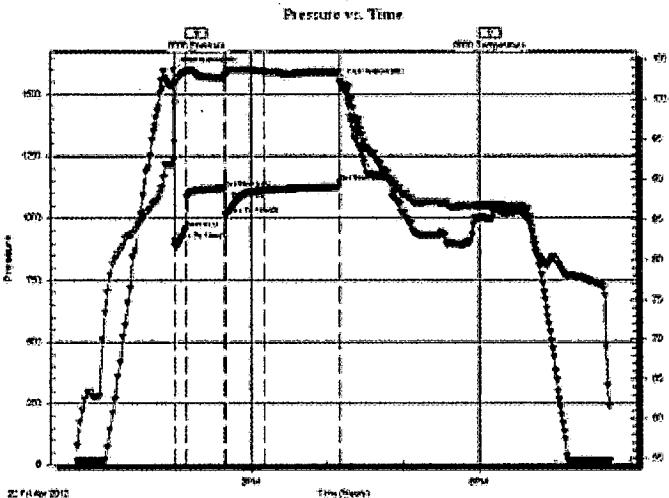
7/20S/10W Rice Co
Big Red#15
 Job Ticket: 17338 DST#: 6
 Test Start: 2012.04.20 @ 12:42:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3255.00 ft (KB) To 3278.00 ft (KB) (TVD)**
 Total Depth: **3278.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Real-Time)**
 Tester: **Dustin Ellis**
 Unit No: **3315-40**
 Reference Elevations: **1780.00 ft (KB)**
1773.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: **6666** **Outside**
 Press@RunDepth: **1143.61 psia @ 3275.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.04.20** End Date: **2012.04.20** Last Calib.: **2012.04.20**
 Start Time: **12:43:00** End Time: **19:43:30** Time On Btm: **2012.04.20 @ 13:59:30**
 Time Off Btm: **2012.04.20 @ 16:10:30**

TEST COMMENT: 1st Opening 10 Minutes Strong blow built to the bottom of a 5 gallon bucket in less than 1 minute
 1st Shut-In 30 Minutes Fair blow back
 2nd Opening 30 Minutes Strong blow built to the bottom of a 5 gallon bucket in 10 seconds
 2nd Shut-In 60 Minutes Fair blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1595.16 | 92.33 | Initial Hydro-static |
| 1 | 911.46 | 94.69 | Open To Flow (1) |
| 10 | 958.84 | 103.51 | Shut-In (1) |
| 40 | 1119.37 | 102.67 | End Shut-In (1) |
| 41 | 1014.14 | 102.94 | Open To Flow (2) |
| 71 | 1111.88 | 103.47 | Shut-In (2) |
| 131 | 1143.61 | 103.50 | End Shut-In (2) |
| 131 | 1546.37 | 102.68 | Final Hydro-static |

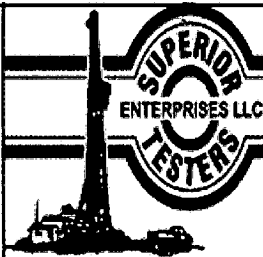
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 1025.00 | CO - Gravity 35 | 13.29 |
| 300.00 | O&GCW (10% G, 40% O, 50% W) | 4.21 |
| 300.00 | O&GCW (10 G%, 30% O, 60% W) | 4.21 |
| 300.00 | SO&GCW (10% G, 20% O, 70% W) | 4.21 |
| 300.00 | VSO&GCW (10% G, 10% O, 80% W) | 4.21 |
| 350.00 | VSGCW (10% G, 90% W) - Ch 16000 | 4.91 |

Gas Rates

| Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |

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DRILL STEM TEST REPORT

Gilbert+Stewart Operating

7/20S/10W Rice Co

Suite 450 1801 Broadway
Denver, Colorado 80202

Big Red#15

Job Ticket: 17339

DST#: 6

ATTN: Derek Patterson

Test Start: 2012.04.21 @ 03:36:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:10:30

Time Test Ended: 09:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-40

Interval: **3302.00 ft (KB) To 3308.00 ft (KB) (TVD)**

Reference Elevations: 1780.00 ft (KB)

Total Depth: 3308.00 ft (KB) (TVD)

1773.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6666

Outside

Press@RunDepth: 1101.21 psia @ 3305.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.04.21

End Date:

2012.04.21

Last Calib.:

2012.04.21

Start Time: 03:36:00

End Time:

09:47:00

Time On Btm:

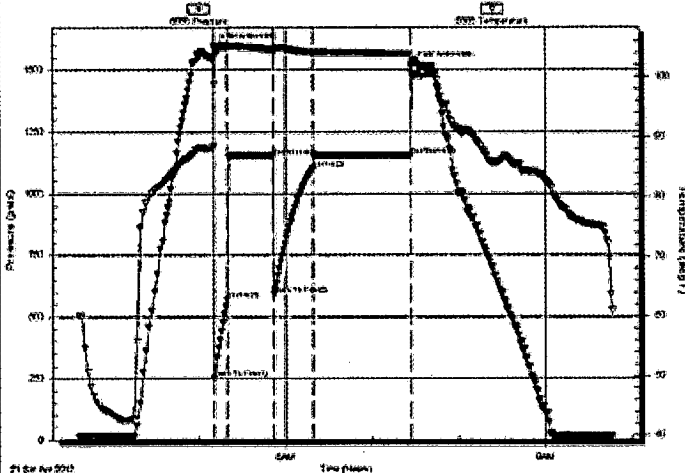
2012.04.21 @ 05:10:00

Time Off Btm:

2012.04.21 @ 07:27:00

TEST COMMENT: 1st Open 10minutes Strong blow blew bottom bucket 1 minute
1st Shut in 30 minutes No blow back
2nd Open 30 minutes Strong blow blew bottom bucket 1 minute
2nd Shut in 60 minutes No Blow back

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1593.41 | 88.45 | Initial Hydro-static |
| 1 | 252.90 | 98.68 | Open To Flow (1) |
| 10 | 571.22 | 104.99 | Shut-in(1) |
| 42 | 1149.64 | 104.41 | End Shut-in(1) |
| 42 | 592.16 | 104.25 | Open To Flow (2) |
| 69 | 1101.21 | 104.04 | Shut-in(2) |
| 137 | 1154.65 | 103.80 | End Shut-in(2) |
| 137 | 1517.31 | 101.57 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------|--------------|
| 60.00 | Mud 100% | 0.30 |
| 120.00 | Muddy water mud 20% water 80% | 1.15 |
| 2210.00 | Water 100% | 31.00 |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |

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ROCK TYPES

LITHOLOGY

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol
- Shgy
- Sltst
- Ss
- Till
- Sltstn
- Shale
- Sandylms
- Lms
- Gry sh
- Dtd
- Dol
- Carb sh
- pipesymbol

- unknown lith
- Red shale

FOSSIL

- Oomoldic
- Fuss
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

MINERAL

- Slt

- Sand
- Dol
- Chlorite
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil

- Sulphur
- Tuff

STRINGER

- Red shale
- Sh
- Sandylms
- Lms
- Gryslt
- Grysh
- Dol
- Clystn
- Carbsh
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln

- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OIL SHOW

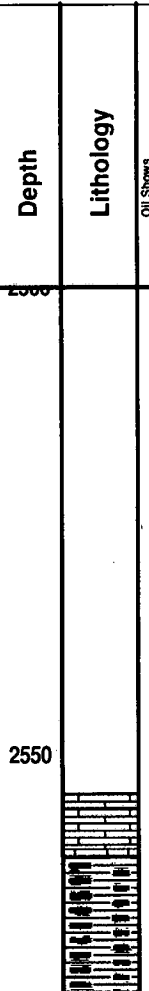
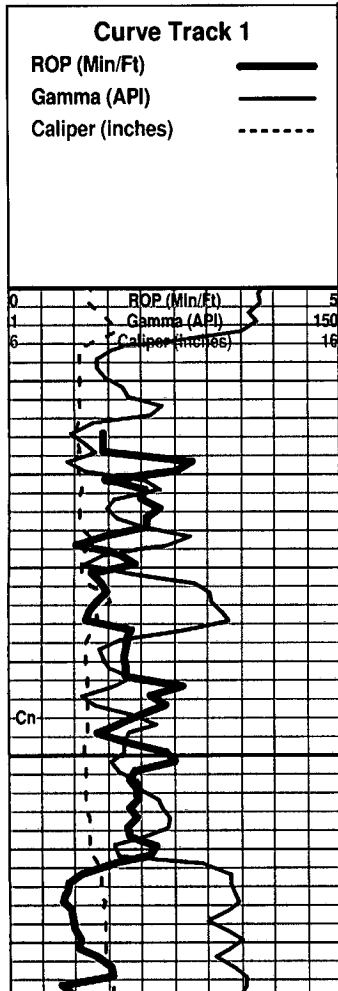
- Gas show
- Good
- Fair
- Poor
- Dead

INTERVAL

- Dst
- Core
- Dst
- Straddle test

EVENT

- Rft
- Sidewall
- Dst
- Open hole
- Perforations



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 Geological Descriptions **JUL 31 2012**
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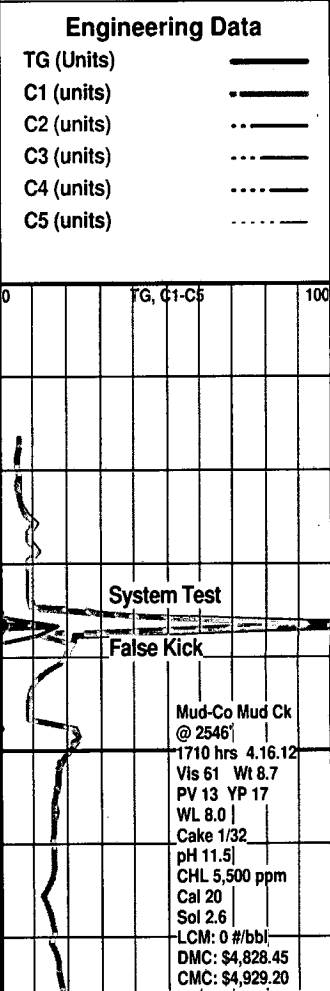
Gilbert-Stewart Operating, LLC
 Big Red #15
 550' FNL & 435' FWL
 Sec. 7 - T20S - R10W
 Rice Co., KS

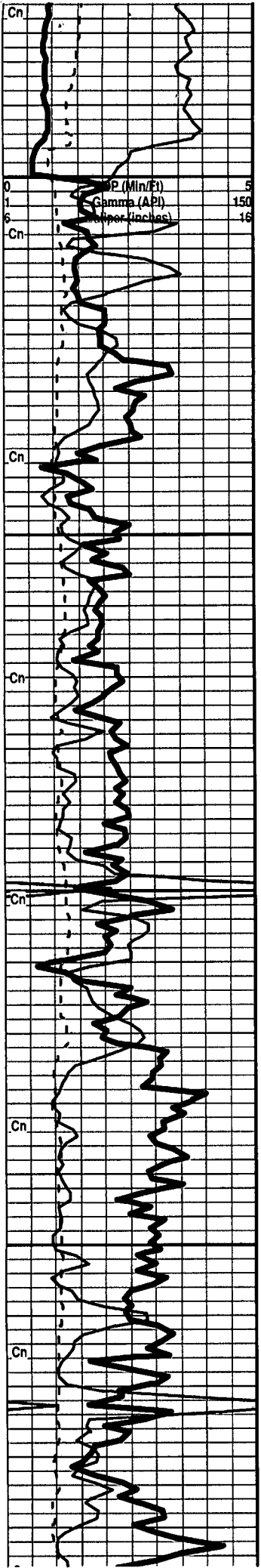
API: 15-159-22684-0000 Elevation: 1773' GL
 1780' KB

Geologist: Derek W. Patterson

Displaced Mud System @ 2535'

Severy 2561 (-781)



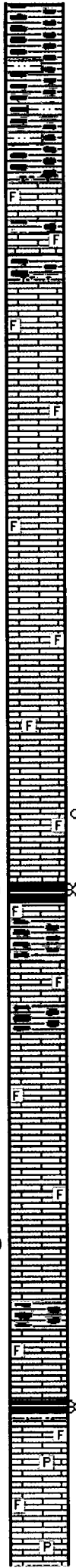


2600

2650

2700

2750



Shale: gray dk gray, mostly blocky and softer, with scattered Siltstone: gray lt gray, mostly blocky dense matrix, vfgained, sandy, poor visible porosity, no shows noted.

Start 20' Wet & Dry Samples @ 2600'

Topeka 2601 (-821)

Limestone: lt gray lt cream, mostly dense matrix, microxln, fossiliferous in part, poor visible porosity, no shows noted, very poor-no mineral fluorescence, with abundant interbedded Shale: gray dk gray, softer and waxy, mostly rounded, sample washes dk gray.

Limestone: lt cream lt gray, mostly dense matrix, microxln, fossiliferous, poor visible porosity with some scattered poor pinpoint porosity, no shows noted, no fluorescence.

Limestone: lt cream lt gray some lt tan, dense xln matrix, micro-vfxln, some grainy in part, sub-fossiliferous, poor pinpoint porosity in most, no shows noted, no fluorescence.

Limestone: lt cream lt tan, dense matrix, micro-vfxln, fossiliferous to barren, overall poor interxln porosity, no shows noted, no fluorescence.

Limestone: lt gray lt cream off white some mottled, dense to softer sub-chalky matrix, micro-vfxln, fossiliferous, poor interxln porosity, few pieces with some poor lt brown edge staining, no live shows noted, very poor scattered lt yellow fluorescence, no cut fluorescence, no odor.

King Hill 2699 (-919)

Shale: black, carbonaceous, blocky and hard, some softer and waxy, poor show bleeding gas bubbles, grading to Shale: gray dk gray, blocky to rounded, hard to soft, some fissile in part.

Geologist Derek W. Patterson On Location, 2330 hrs 4.16.12

Limestone: lt cream lt tan off white, dense tight matrix, micro-vfxln, some grainy, fossiliferous, abundant 2ndary xln along edges, poor visible porosity, no shows noted, no fluorescence, with interbedded Shale: gray dk gray, mostly blocky and hard.

Limestone: lt tan lt cream, dense tight matrix, microxln, sub-fossiliferous, abundant 2ndary xln along edges, poor visible porosity, no shows noted, no fluorescence.

Shale: gray dk gray, blocky and hard.

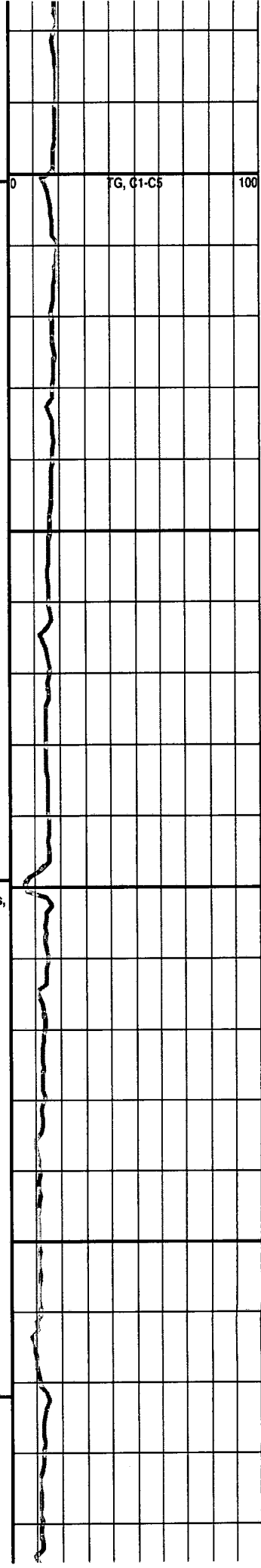
Queen Hill 2772 (-992)

Shale: black dk gray, carbonaceous, blocky and hard, some waxy, poor show bleeding gas bubbles upon break.

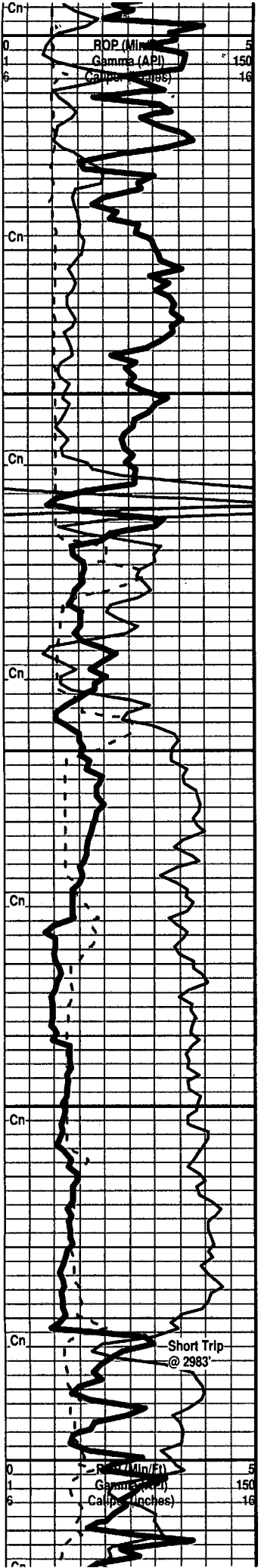
Limestone: lt cream lt tan, dense matrix, micro-vfxln, most heavily fossiliferous, pyritic in part, poor interxln porosity, no shows noted, no fluorescence.

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Shale: gray dk gray, blocky to rounded, soft.

Limestone: It tan lt cream, dense matrix, micro-vfxln, most heavily fossiliferous with some fossiliferous hash to bioclastic, fair-poor interfossiliferous porosity, no shows noted, no fluorescence.

Limestone: It tan lt cream, dense matrix, micro-vfxln, most heavily fossiliferous with some fossiliferous hash to bioclastic, fair-poor interfossiliferous porosity, no shows noted, no fluorescence.

Heebner 2863 (-1083)

Shale: black gray dk gray, carbonaceous, blocky to rounded, mostly hard with some softer and waxy, fair-good show bleeding gas bubbles in most.

Shale: gray dk gray brick red dk green, blocky to rounded, hard to soft, some scattered silty material.

Toronto 2884 (-1104)

Limestone: It cream off white, mostly dense matrix, v-microxln, mostly barren, poor interxln porosity, no shows noted, no fluorescence, no odor.

Douglas 2892 (-1112)

Very Poor Sample Quality Throughout Douglas

Start 10' Wet & Dry Samples @ 2900'

Shale: gray dk gray dk green, blocky to rounded, hard to soft, silty, abundant mushy material, sample washes gray-dk gray.

Shale: gray dk gray dk green, blocky to rounded, hard to soft, silty, abundant mushy material, some becoming silty, sample washes gray-dk gray.

Shale: gray dk gray dk green, blocky to rounded, hard to soft, silty, abundant mushy material, sample washes gray-dk gray.

Shale: gray dk gray dk green, blocky to rounded, hard to soft, silty, abundant mushy material, with scattered Siltstone: gray dk gray, vfgained, poor visible porosity, no shows noted, sample washes gray-dk gray.

Shale: gray dk gray, blocky to rounded, hard to soft, silty, abundant mushy material, with scattered Siltstone: gray dk gray, vfgained, poor visible porosity, no shows noted, sample washes gray-dk gray.

Brown Lime 2983 (-1203)

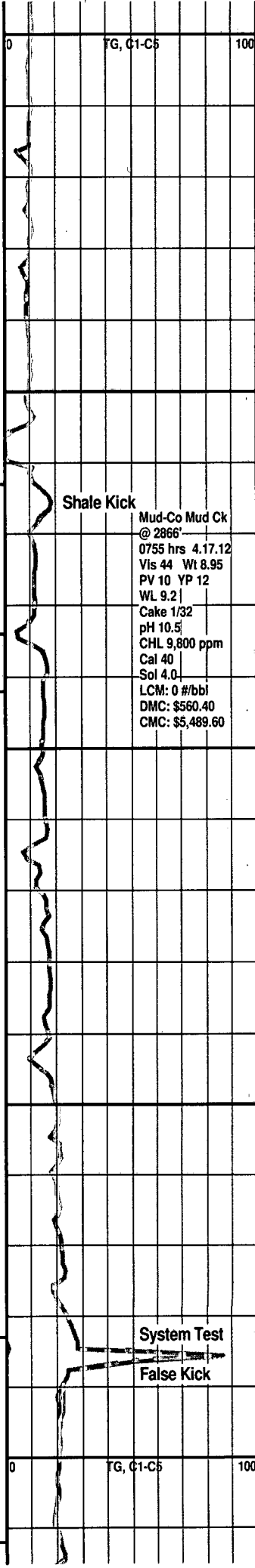
Limestone: It brown lt tan some lt cream, dense tight matrix, fossiliferous, poor interxln porosity, few pieces with dk black gilsonitic staining along edges, no live shows noted, no fluorescence, no cut fluorescence, no odor.

Predominately Shale: gray dk gray dk green, blocky to rounded, hard to soft, some silty, with scattered Siltstone: gray lt gray, blocky and dense, vfgained, poor visible porosity, no shows noted.

Limestone: It brown lt tan, dense tight matrix, micro-vfxln, fossiliferous, poor interxln porosity, few scattered pieces with poor dk black gilsonitic staining along edges, no live shows noted, no fluorescence, no cut fluorescence, no odor, grading to Shale: gray dk gray, blocky to rounded, mostly soft.

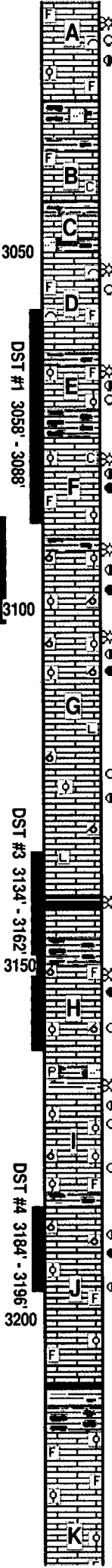
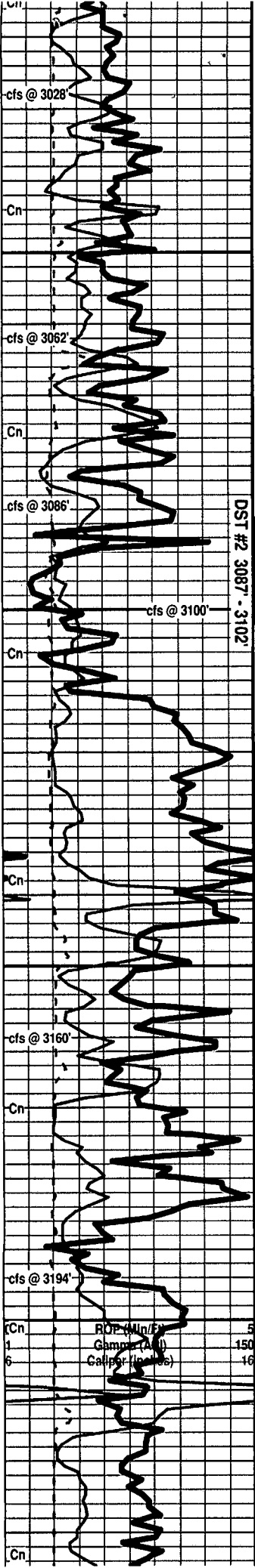
Lansing 3012 (-1232)

Limestone: It cream lt tan, dense matrix, micro-vfxln, heavily oolitic to bioclastic, abundant 2ndary xln



Mud-Co Mud Ck @ 2866'
 0755 hrs 4.17.12
 Vls 44 Wt 8.95
 PV 10 YP 12
 WL 9.2 |
 Cake 1/32
 pH 10.5
 CHL 9,800 ppm
 Cal 40
 Sol 4.0
 LCM: 0 #/bb
 DMC: \$560.40
 CMC: \$5,489.60

System Test
 False Kick



fill, fair-poor interfossiliferous porosity, no shows noted, with Limestone: It cream It tan, softer matrix, matrix, microxn, sub-fossiliferous to barren, scattered fair vuggy porosity, very good brown saturated stain in most, fair show oil and gas from porosity with increase upon break, even-spotty bright It yellow fluorescence, fair milky-white cut fluorescence, moderate odor.

3028' cfs 20"/40" - Mixed Limestone as above, still carrying good amount of shows.
Shale: gray dk gray, mostly rounded and soft, silty in part.

Limestone: It cream It gray, dense tight to softer sub-chalky matrix, microxn, sub-fossiliferous to barren, poor visible porosity, no shows noted, very poor-no mineral fluorescence.

3062' cfs 0"/20"/40" - Limestone: tan brown It brown, dense tight matrix, micro-vfxn, heavily fossiliferous to fossiliferous hash, fair amount of 2ndary xln fill around fossils and in porosity, scattered small vugs and trace interfossiliferous porosity, overall fair visible porosity, fair golden brown saturated stain, very poor show gas and oil from porosity with little increase upon break in those with staining, spotty poor It yellow fluorescence, very poor-no cut fluorescence, faint odor.

Limestone: It tan It cream, mostly dense matrix, microxn, heavily oolitic with other associated fossils, fair-good interfossiliferous/vuggy porosity, good saturated stain, fair show brown oil and gas from porosity with increase upon break, spotty bright It yellow fluorescence, fair cut fluorescence, fair-moderate odor.

Shale: gray dk gray, blocky and hard.

3086' cfs 0"/20"/40" - Limestone: tan It brown cream, softer sub-chalky matrix, micro-vfxn, grainy in part, heavily fossiliferous oolitic with abundant fossiliferous hash, fair-good interfossiliferous/vuggy porosity, very good even saturated stain, fair show oil and gas from porosity with good increase upon break in most, spotty bright yellow fluorescence, good streaming milky bluish-white cut fluorescence, good odor.

3100' cfs 20"/40"/60" - Limestone: It tan cream It brown, softer sub-frangible to dense tight matrix, microxn, fair oolitic to excellent oomoldic development, good-excellent oomoldic porosity with 2ndary xln within, fair-good saturated stain throughout porosity, fair-good show oil and good-excellent show gas bleeding from porosity with good increase upon break, spotty-even bright It greenish-yellow fluorescence, streaming milky-white cut fluorescence, strong gassy/oily odor.

Limestone: It tan It brown, softer sub-frangible to dense tight matrix, microxn, fair oolitic to good oomoldic development, good oomoldic porosity with 2ndary xln within, fair-good saturated stain throughout porosity, fair-good show oil and gas bleeding from porosity with good increase upon break, spotty-even bright It greenish-yellow fluorescence, streaming milky-white cut fluorescence, strong odor.

Limestone: It tan It brown, mostly dense tight matrix, microxn, scattered fair oolitic with fair-good scattered oomoldic development, overall fair oomoldic porosity with 2ndary xln within, poor saturated stain throughout porosity, poor show oil and gas from porosity with fair increase upon break in scattered pieces, spotty bright It greenish-yellow fluorescence, fair bluish-white cut fluorescence in those with shows, moderate odor, with fair amount of gray lithographic non-descript Limestone.

Muncie Creek 3140 (-1360)

Shale: black dk gray, carbonaceous, blocky to rounded, softer and waxy, fair-good show bleeding gas bubbles, grading to Shale: gray dk gray pale green, blocky to rounded, softer, with some interbedded Limestone.

3160' cfs 0"/20" - Limestone: tan It brown cream, sub-frangible sub-suc/rhomic matrix, vfxn with some scattered fxn, sub-fossiliferous oolitic to barren, fair oomoldic development in scattered pieces, abundant solution vugs, good interxn porosity in most with some good vuggy/oomoldic porosity, good golden brown saturated stain, good show oil and gas bleeding from porosity with increase upon break, streaming milky-white cut fluorescence, even bright yellow fluorescence, moderate-strong odor.

Shale: gray dk gray dk green, blocky to rounded, hard to soft, silty/pyritic in part.

Limestone: It tan It brown some cream, dense tight matrix, micro-vfxn, fossiliferous oolitic with scattered poor oomoldic development, overall poor interxn porosity with some trace fair pinpoint, scattered poor saturated stain, fair amount of pieces with fair-poor show oil and trace gas from porosity, most too dense to break, spotty dull pale greenish-yellow fluorescence, fair-poor cut fluorescence, faint odor.

Limestone: It cream gray, dense matrix, heavily fossiliferous oolitic, abundant 2ndary xln fill, overall poor visible porosity, no shows noted, poor mineral fluorescence.

3194' cfs 20"/40"/60" - Limestone: It cream cream, dense to sub-frangible matrix, micro-vfxn, heavily oolitic with scattered good-excellent oomoldic development, fair-good pinpoint/oomoldic/vuggy porosity, even saturated stain in porosity with some 2ndary xln, fair show oil from porosity with fair-good shows in oomoldic pieces (only few in sample), spotty-even bright It yellow fluorescence, streaming milky-white/bluish-white cut fluorescence, moderate-good odor, decrease in shows in lower part.

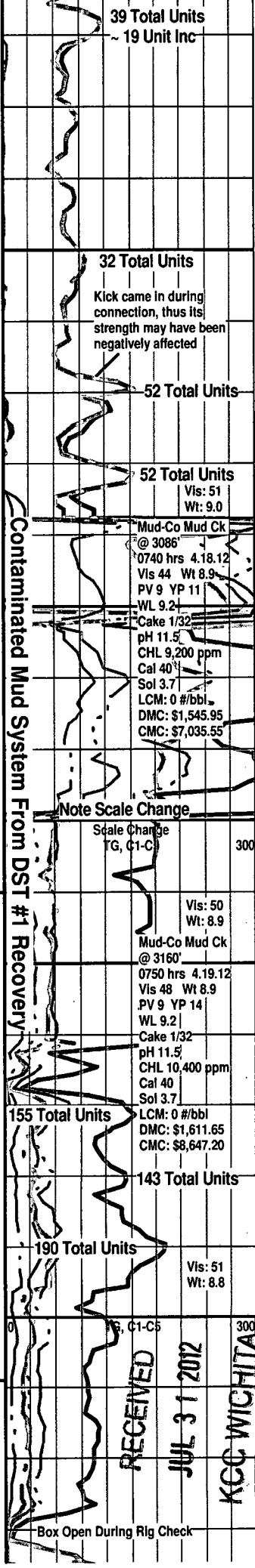
Limestone: It cream cream, dense tight matrix, micro-vfxn, oolitic with scattered fossils and oolites, poor visible porosity, scattered fair-poor staining, very poor show oil in few pieces upon break, spotty bright It yellow fluorescence, poor-no cut fluorescence, very faint odor.

Stark 3209 (-1429)

Shale: dk gray gray dk green trace black, some carbonaceous, blocky to rounded, hard to soft, some waxy, fissile in part, no show gas bubbles.

Limestone: gray It gray It cream, dense tight matrix, microxn, fossiliferous with abundant oolitic material, scattered 2ndary xln, overall poor visible porosity, no shows noted, very poor-no mineral fluorescence.

Limestone: It cream cream It tan, dense tight matrix, microxn, fossiliferous with abundant oolitic material, scattered 2ndary xln, overall poor visible porosity, no shows noted, very poor-no mineral fluorescence, with Limestone: cream, dense tight matrix, lithographic non-descript, no visible porosity, no shows noted, no fluorescence.



39 Total Units
19 Unit Inc

32 Total Units

Kick came in during connection, thus its strength may have been negatively affected

52 Total Units

52 Total Units
Vis: 51
Wt: 9.0

Mud-Co Mud Ck @ 3086'
0740 hrs 4.18.12
Vis 44 Wt 8.9
PV 9 YP 11
WL 9.2
Cake 1/32
pH 11.5
CHL 9,200 ppm
Cal 40
Sol 3.7
LCM: 0 #/bbl
DMC: \$1,545.95
CMC: \$7,035.55

Note Scale Change

Scale Change TG, C1-C

300

Vis: 50
Wt: 8.9

Mud-Co Mud Ck @ 3160'
0750 hrs 4.19.12
Vis 48 Wt 8.9
PV 9 YP 14
WL 9.2
Cake 1/32
pH 11.5
CHL 10,400 ppm
Cal 40
Sol 3.7
LCM: 0 #/bbl
DMC: \$1,611.65
CMC: \$8,647.20

155 Total Units

143 Total Units

190 Total Units

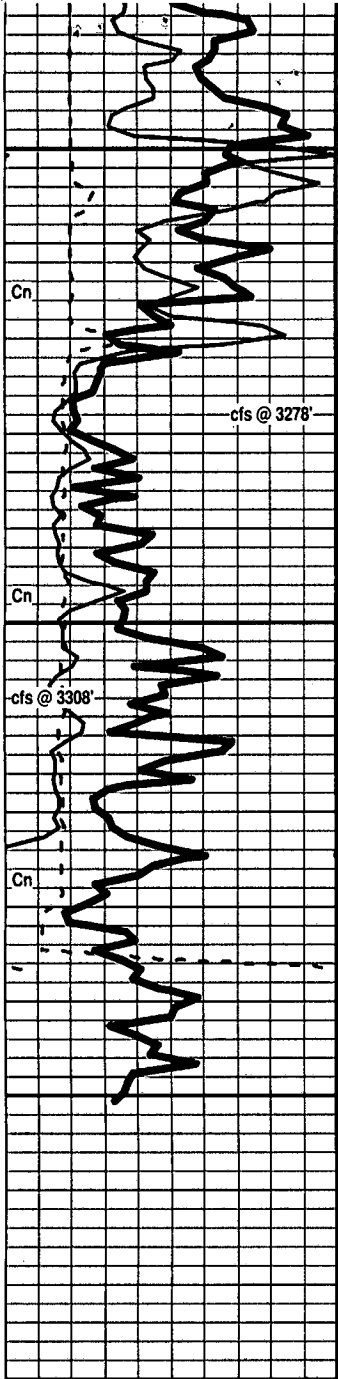
Vis: 51
Wt: 8.8

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KGC WICHITA

Box Open During Rig Check



Limestone: tan lt brown cream, dense tight matrix, micro-vfxln, heavily fossiliferous to fossiliferous hash, poor interfossiliferous porosity with some scattered poor pinpoint porosity, slight golden brown staining in few pieces, very poor show oil from porosity in few pieces with little increase upon break, poor scattered spotty lt yellow fluorescence, poor-no cut fluorescence, very faint odor.

Hushpuckney 3250 (-1470)

Base Kansas City 3253 (-1473)

Shale: gray dk gray dk green, mostly blocky and soft, some harder and fissile.

Limestone: gray lt tan, dense matrix, micro-vfxln, fair amount of oolitic to fossiliferous material, overall poor interxln porosity with scattered 2ndary xln fill, few pieces with poor show oil upon break, poor spotty lt yellow fluorescence in those with shows, poor cut fluorescence, little-no odor.

Arbuckle 3271 (-1491)

3278' cfs 20" - Dolomite: off white lt cream, dense matrix, micro-vfxln, poor rhombic development, scattered solution vugs, fair-poor vuggy porosity, fair saturated stain, poor-fair show oil and gas from porosity with fair increase upon break, even bright lt yellow fluorescence, moderate oily-sulfur odor.

3278' 40"/60" - Dolomite: lt cream lt tan, sub-friable to dense matrix, vi-fxln with some scattered coarsexln, fair-good rhombic development, good interxln/vuggy porosity in most, even saturated stain, fair-good show oil and gas from porosity with good increase upon break/left under lamp, even bright lt yellow fluorescence, streaming milky-white cut fluorescence, strong oily-sulfur odor.

(3279'-3298') - Dolomite: lt cream off white, softer friable matrix, microxln, fair sucrosic development, fair-good interxln porosity, fair saturated stain in most, poor show oil and gas from porosity with fair increase upon break, even bright lt yellow fluorescence, good forced milky-white cut fluorescence, with Dolomite: lt cream, dense tight matrix, microxln, poor xln development, poor visible porosity, very poor show oil upon break in few pieces, fluorescence as above, no cut, strong odor.

(3285'-3299') - Dolomite: brown dk brown, dense tight matrix, micro-vfxln, heavily oolitic with fair-good oomoldic development, fair-good oomoldic porosity, fair saturated stain, very poor-no show oil, too dense to break, dull pale greenish-yellow fluorescence, fair bluish-white cut fluorescence, fair-moderate odor.

(3300'-3303') - Dolomite: cream lt cream, dense tight matrix, microxln, poor xln development, poor-no visible porosity, few very poor live shows, even bright lt pale yellow fluorescence, very poor-no cut fluorescence, fair odor.

3308' cfs 40"/60" (3304'-3312') - Dolomite: off white tan lt brown, sub-friable matrix, f-coarsexln, fair-good rhombic development with fair amount of sub-sucrosic pieces, good interxln porosity, good saturated stain in most, fair-good show oil and gas from porosity with increase upon break, even bright lt pale yellow fluorescence, streaming milky-white cut fluorescence, strong oily sulfur odor.

(3313'-3324') - Dolomite: basically same as (3304'-3310') interval, continued shows.

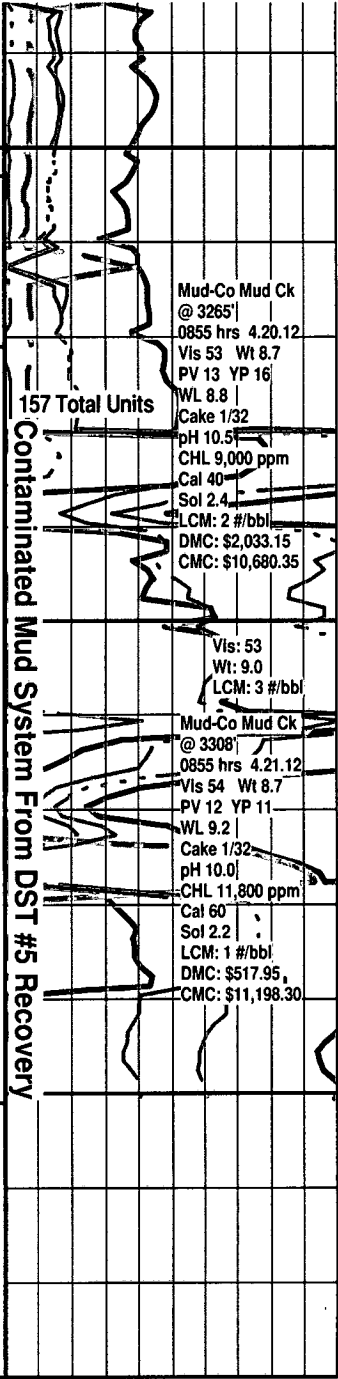
(3325'-3339') - Dolomite: cream lt tan, mostly dense matrix, vi-fxln, fair rhombic development in most, fair amount of oomoldic/vuggy material with good associated porosity and interxln porosity, fair saturated stain, fair show oil and gas with fair-good increase upon break, even bright lt pale yellow fluorescence, streaming milky-white cut fluorescence, strong-moderate oily sulfur odor.

(3340'-3351') - Dolomite: as above, decrease in xln size, most oomoldic drops out, fair rhombic porosity, overall fair show oil and gas, continued fluorescence and odor.

LTD 3351 (-1571)
RTD 3350 (-1570)

Orders Received to Run 5 1/2" Production Casing For Further Evaluation
 Geologist Derek W. Patterson Off Location, 2020 hrs 4.21.12

Respectfully Submitted,
 Derek W. Patterson



Mud-Co Mud Ck @ 3265'
 0855 hrs 4.20.12
 Vis 53 Wt 8.7
 PV 13 YP 16
 WL 8.8
 Cake 1/32
 pH 10.5
 CHL 9,000 ppm
 Cal 40
 Sol 2.4
 LCM: 2 #/bbl
 DMC: \$2,033.15
 CMC: \$10,680.35

Vis: 53
 Wt: 9.0
 LCM: 3 #/bbl

Mud-Co Mud Ck @ 3308'
 0855 hrs 4.21.12
 Vis 54 Wt 8.7
 PV 12 YP 11
 WL 9.2
 Cake 1/32
 pH 10.0
 CHL 11,800 ppm
 Cal 60
 Sol 2.2
 LCM: 1 #/bbl
 DMC: \$517.95
 CMC: \$11,198.30

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