

Confidentiality Requested:

☐ Yes ☐ No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1098923

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License #  | API No. 15   |
|--|--|
| Name:  | Spot Description:  |
| Address 1:   | SecTwpS. R East West   |
| Address 2:   | Feet from North / South Line of Section  |
| City: State: Zip:+   | Feet from East / West Line of Section  |
| Contact Person:  | Footages Calculated from Nearest Outside Section Corner:   |
| Phone: ()  | □NE □NW □SE □SW  |
| CONTRACTOR: License #  | GPS Location: Lat:, Long:  |
| Name:  | (e.g. xx.xxxxxx) (e.gxxx.xxxxxx)   |
| Wellsite Geologist:  | Datum: NAD27 NAD83 WGS84   |
| Purchaser:   | County:  |
| Designate Type of Completion:  | Lease Name: Well #:  |
| New Well Re-Entry Workover   | Field Name:  |
| □ Oil □ WSW □ SHOW   □ 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: | Producing Formation:  Elevation: Ground: Kelly Bushing: Feet  Total Vertical Depth: Plug Back Total Depth: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt. |
| Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Plug Back Conv. to GSW Conv. to Producer  | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)   |
| □ Commingled         Permit #:   | Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:   |
| GSW Permit #:  | Cuerter See Two S R Total West   |
| Spud Date or Date Reached TD Completion Date or Recompletion Date  | QuarterSec.         TwpS. R East West           County:         Permit #:  |

#### **AFFIDAVIT**

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

**Submitted Electronically** 

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

Page Two



| Operator Name:   |   |              |  | _ Lease I                | Name: _                             |                                     |                        | Well #:            |                               |  |
|--|---|--------------|--|--------------------------|-------------------------------------|-------------------------------------|------------------------|--------------------|-------------------------------|--|
| Sec Twp  | S. R  | East         | West                                   | County                   | :                                   |                                     |                        |                    |                               |  |
| INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to | ring and shut-in press<br>o surface test, along v | ures, whe    | ther shut-in pre<br>chart(s). Attach   | ssure reac<br>extra shee | hed stati                           | c level, hydrosta<br>space is neede | tic pressures, b<br>d. | ottom hole temp    | erature, fluid recov          |  |
| Final Radioactivity Lo files must be submitte                  |   |              |  |                          |                                     | ogs must be ema                     | alled to kcc-well-     | logs@kcc.ks.go     | v. Digital electronic         |  |
| Drill Stem Tests Taker<br>(Attach Additional                   |   | Y            | es No                                  |                          |                                     | J                                   | on (Top), Depth        |                    | Sample                        |  |
| Samples Sent to Geo  | logical Survey                                    | Y            | es No                                  |                          | Nam                                 | е                                   |                        | Тор                | Datum                         |  |
| Cores Taken<br>Electric Log Run                                |   |              | es  No                                 |                          |                                     |                                     |                        |                    |                               |  |
| List All E. Logs Run:  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              |  | RECORD                   | Ne                                  |                                     |                        |                    |                               |  |
|  | 0: 11.1   |              |  |                          |                                     | ermediate, product                  |                        | " 0 1              | T 15                          |  |
| Purpose of String  | Size Hole<br>Drilled                              |              | ze Casing<br>t (In O.D.)               | Weig<br>Lbs.             |                                     | Setting<br>Depth                    | Type of<br>Cement      | # Sacks<br>Used    | Type and Percent<br>Additives |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              | ADDITIONAL                             | CEMENTI                  | NG / SQL                            | JEEZE RECORD                        |                        |                    |                               |  |
| Purpose: Depth Type of Cement # Sar                            |   |              |  |                          | cks Used Type and Percent Additives |                                     |                        |                    |                               |  |
| Perforate Protect Casing                                       | Top Dottern                                       |              |  |                          |                                     |                                     |                        |                    |                               |  |
| Plug Back TD<br>Plug Off Zone                                  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
| 1 lug 0 li 20 lio  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
| Did you perform a hydrau                                       | ulic fracturing treatment                         | on this well | ?                                      |                          |                                     | Yes                                 | No (If No, s           | skip questions 2 a | nd 3)                         |  |
| Does the volume of the t                                       |   |              | -                                      |                          | -                                   |                                     |                        | skip question 3)   |                               |  |
| Was the hydraulic fractur                                      | ing treatment informatio                          | n submitted  | to the chemical of                     | disclosure re            | gistry?                             | Yes                                 | No (If No, i           | ill out Page Three | of the ACO-1)                 |  |
| Shots Per Foot   |   |              | RD - Bridge Plug<br>Each Interval Perl |                          |                                     |                                     | cture, Shot, Ceme      | nt Squeeze Recor   | rd Depth                      |  |
|  |   |              |  |                          |                                     | (* *                                |                        |                    | 200                           |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
|  |   |              |  |                          |                                     |                                     |                        |                    |                               |  |
| TUBING RECORD:   | Size:   | Set At:      |  | Packer A                 | t·                                  | Liner Run:                          |                        |                    |                               |  |
|  |   | 0017111      |  |                          |                                     | [                                   | Yes N                  | o                  |                               |  |
| Date of First, Resumed   | Production, SWD or EN                             | HR.          | Producing Meth                         | nod:                     | g 🗌                                 | Gas Lift (                          | Other (Explain)        |                    |                               |  |
| Estimated Production<br>Per 24 Hours                           | Oil   | Bbls.        | Gas                                    | Mcf                      | Wat                                 | er B                                | bls.                   | Gas-Oil Ratio      | Gravity                       |  |
| DIODOCITI  | 01.05.040   |              |  | 4ETUOD 05                | . 00145/                            | TION:                               |                        | DDOD! ICT!         |                               |  |
| DISPOSITION Solo   | ON OF GAS:  Used on Lease                         |              | N<br>Open Hole                         | ∥ETHOD OF<br>Perf.       |                                     |                                     | mmingled               | PRODUCTION         | ON INTERVAL:                  |  |
|  | bmit ACO-18.)                                     |              | Other (Specify)                        |                          | (Submit                             |                                     | mit ACO-4)             |                    |                               |  |

| Form      | ACO1 - Well Completion             |
|-----------|------------------------------------|
| Operator  | Samuel Gary Jr. & Associates, Inc. |
| Well Name | COPPER 2-30                        |
| Doc ID    | 1098923                            |

### All Electric Logs Run

| DIL      |  |
|----------|--|
| MICRO    |  |
| POR      |  |
| SONIC    |  |
| SPECTRAL |  |

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

October 26, 2012

TOM FERTAL Samuel Gary Jr. & Associates, Inc. 1515 WYNKOOP, STE 700 DENVER, CO 80202

Re: ACO1 API 15-051-26340-00-00 COPPER 2-30 SE/4 Sec.30-14S-17W Ellis County, Kansas

#### **Dear Production Department:**

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, TOM FERTAL



PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net Date: 7/12/2012 Invoice # 895

P.O.#:

Due Date: 8/11/2012 Division: Russell

## Invoice

Contact:

Samuel Gary Jr & Associates Inc Address/Job Location:
Samuel Gary Jr & Associates Inc 1815 11th Street
Great Bend, KS 67530

Reference: COPPER 2-30

Description of Work: LONG SURFACE JOB RECEIVED

JUL 17 2012

SAMUEL GARY JR. & ASSOCIATES, INC.

| OMP WO LOE | □GG |
|------------|-----|
| 8200.138   |     |
|            |     |
|            |     |
|            |     |
| Alkni      |     |
| <i>V</i>   |     |
|            |     |

| Services / Items Included:                 | Quantity |    | Price                             | Taxable | ltem .   | Quantity     |    | Price      | Taxable |
|--|----------|----|-----------------------------------|---------|--|--------------|----|------------|---------|
| Labor                                      |          | \$ | 963.85                            | No      | Bulk Truck Mileage-Job to Nearest Bulk Plant                   | 8            |    | \$49.32    | No      |
| Common-Class A                             | 450      | \$ | 5,795.00                          | Yes     |  |              |    | ¥          |         |
| 8 5/8" Basket                              | 3        | \$ | 1,000.67                          | Yes     |  |              |    |            |         |
| Bulk Truck Matl-Material Service Charge    | 475      | \$ | 1,002.78                          | No      |  |              |    |            |         |
| Calcium Chloride                           | 16       | \$ | 804.92                            | Yes     |  |              |    |            |         |
| Flo Seal                                   | 112      | \$ | 236.44                            | Yes     |  |              |    |            |         |
| 8 5/8" Centralizer                         | 3        | \$ | 202.67                            | Yes     |  |              |    |            |         |
| Premium Gel (Bentonite)                    | 9        | \$ | 154.66                            | Yes     |  |              |    |            |         |
| 8 5/8" Top Rubber Plug                     | 1        | \$ | 111.89                            | Yes     |  |              |    |            |         |
| Baffle Plate Aluminum, 8 5/8"              | 1        | \$ | 95.00                             | Yes     |  |              |    |            |         |
| Pump Truck Mileage-Job to Nearest Camp     | 8        | \$ | 84.28                             | No      |  |              |    |            |         |
| Invoice Terms:                             |          |    |                                   |         |  | SubTotal:    | \$ | 10,501.47  |         |
| Net 30                                     |          | _  | Discou                            | ınt Ava | ilable <u>ONLY</u> if Invoice is Paid &<br>within listed terms |              | \$ | (1,575.22) |         |
|  |          |    |                                   |         | SubTotal for Ta  | xable Items: | \$ | 7,141.06   |         |
|  |          |    |                                   |         | SubTotal for Non-Ta  | xable Items: | \$ | 1,785.19   |         |
|  |          |    |                                   |         |  | Total:       | \$ | 8,926.25   |         |
| Thank You For Your Business!               |          |    | 6.30% Ellis County Sales Tax Tax: |         |  |              |    | 449.89     |         |
|  |          |    | Amount Due:                       |         |  |              |    | 9,376.14   |         |
|  |          |    |                                   |         | Applied P  | ayments:     |    |            |         |
|  |          |    |                                   |         | Bala   | ance Due:    | \$ | 9,376.14   |         |
| - Post Due Invelore are subject to a consi | (        |    |                                   | 0.40()  |  |              |    |            |         |

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 895

| Cell 705-324-1041  |                  | E 1  |  | X 15  |                      |
|--|------------------|--|--|---|----------------------|
| Sec.   | Twp. Range       | County   | State  | On Location   | Finish               |
| Date 6-7-12 30   | 14 17            | EUTS   | KANSAS   |   | 8:00 AM              |
| Lease COODER   | Well No. 2 - 30  | Location Mun   | 500 15-1   | AE NI   | CTV                  |
| Contractor Descovered  | # 2              | Owner C  | Am GARL  | JOI AS  | soc.                 |
| Type Job L . SURFACE   |                  | To Quality You are he  | Oilwell Cementing, Inc<br>reby requested to rent | c.<br>: cementina equipmer  | nt and furnish       |
| Hole Size 12 14  | T.D. 989'        | cementer a   | and helper to assist ow                          | ner or contractor to d  | o work as listed.    |
| Csg. 85/8"   | Depth 089        | Charge 5   | Am GARY 3  | Te.   | TOTAL A              |
| Tbg. Size  | Depth            | Street 15  | SIS WYNKO  | 90  | वा पूर्व । ३३ - ६    |
| Tool   | Depth            | City DE  | DIVER  | State CO  | 10000<br>10000       |
| Cement Left in Csg.  | Shoe Joint 41.83 |  | vas done to satisfaction a                       |   | agent or contractor. |
| Meas Line  | Displace 60BL    | S Cement An  | nount Ordered 458                                | )3K5-36C-1  | JOEL MILIA           |
| EQUIP  | MENT             |  |  | a 1 o = 1   |                      |
| 1101001  | rck              | Common 4   | 50   |   |                      |
|  | ug               | Poz. Mix   |  | in the second   | E                    |
| Bulktrk Pu No. Driver Com  | 20               | Gel. 9   | <u> </u>   |   |                      |
| JOB SERVICES   | & REMARKS        | Calcium  | 6  |   |                      |
| Remarks:   |                  | Hulls  |  |   |                      |
| Rat Hole   |                  | Salt   |  | l'es de les   | F F 1 1 1 2          |
| Mouse Hole   |                  | Flowseal   | 117  |   |                      |
| Centralizers   |                  | Kol-Seal   |  |   |                      |
| Baskets  |                  | Mud CLR 4  | 8  |   |                      |
| D/V or Port Collar   |                  | CFL-117 or   | CD110 CAF 38                                     |   |                      |
| CEMENT DID   | CTECHLATE!       | Sand   | ·  |   |                      |
|  |                  | Handling 4   | 175  |   |                      |
| AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I | William States   | Mileage  |  | A PROPERTY OF THE PARTY OF THE |                      |
| The second secon |                  |  | FLOAT EQUIPM                                     | ENT   |                      |
| THE REAL PROPERTY.   |                  | Guide Shoe   |  |   |                      |
| <u></u>  |                  | Centralizer  | 3  |   |                      |
|  | LY LY            | Baskets  | 3  |   |                      |
|  | or a lindra      | AFU Inserts  | RAMO A   | Valo  |                      |
|  |                  | Float Shoe   |  |   |                      |
|  | Pendi M B 188    | Latch Down   |  | N 33222 N (N N  |                      |
| The state of the s | ы пр             |  | 892" RUBE  | EP PLUG   |                      |
| 6  | Sand Branch      | A PARTY OF THE PROPERTY OF THE | William I Brown                                  | SIDSE   |                      |
| <ul> <li>meg. <sup>A</sup> pagity of p. 2.</li> </ul>  | 九二年月 皇 日         | Pumptrk Cha  | arge 1049 540                                    | face  |                      |
| elen face  |                  | Mileage S  | 2  | NEW P   |                      |
| THANK YO   | u L              | First 9 =  | M & ->   | Tax   | -                    |
| 1  |                  |  | der a  | Discount  |                      |
| Signature AMUM   | mmul             | 3 3 3 3 5  |  | Total Charge  |                      |
| 7777   |                  |  |  | 1   |                      |



3

QUALITY OILWELL CEMENTING, INC. PO Box 32 - 740 West Wichita Ave, Russell KS 67665

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net Date: 7/15/2012 Invoice # 900

P.O.#:

Due Date: 8/14/2012
Division: Russell

## Invoice

Contact:

Samuel Gary Jr & Associates Inc Address/Job Location:
Samuel Gary Jr & Associates Inc 1815 11th Street
Great Bend, KS 67530

Reference: COPPER 2-30

**Description of Work:** PROD LONG STRING

|   | DRLG &C       | OMP □ W/O □ LOE □ GG |
|---|---------------|----------------------|
|   | Account       | 8300. 238            |
|   | Well/Prospect |                      |
| 1 | Deck          |                      |
|   | AFE           |                      |
|   | Approval (    | Allen                |
|   | Description   |                      |
|   |               |                      |
| L |               |                      |

| Services / Items Included:              | Quantity | Price          | Taxable | ltem .  | Quantity     | Price            | Taxable |
|---|----------|----------------|---------|---|--------------|------------------|---------|
| Labor                                   |          | \$<br>963.85   | No      | Salt (Fine)   | 19           | \$279.98         | Yes     |
| Common-Class A                          | 225      | \$<br>2,897.50 | Yes     | Latch Down Plug & Baffle, 5 1/2"                            | 1            | \$236.44         | Yes     |
| Gilsonite                               | 1057     | \$<br>1,673.58 | Yes     | Flo Seal  | 56           | \$118.22         | Yes     |
| CFL 117                                 | 176      | \$<br>1,144.39 | Yes     | Pump Truck Mileage-Job to Nearest Camp                      | 8            | \$84.28          | No      |
| 5 1/2" Basket                           | 3        | \$<br>728.33   | Yes     | KCL   | 2            | \$63.04          | Yes     |
| Bulk Truck Matl-Material Service Charge | 254      | \$<br>536.22   | No      | Bulk Truck Mileage-Job to Nearest Bulk Plant                | 8            | \$49.32          | No      |
| CD-110                                  | 117      | \$<br>494.00   | Yes     |   |              |                  |         |
| 5 1/2" Turbolizer                       | 8        | \$<br>489.78   | Yes     |   |              |                  |         |
| Mud Clear                               | 500      | \$<br>390.56   | Yes     |   |              |                  |         |
| Defoamer A or CAF-38                    | 50       | \$<br>369.44   | Yes     |   |              |                  |         |
| Auto Fill Float Shoe, 5 1/2"            | 1        | \$<br>323.00   | Yes     |   |              |                  |         |
| Invoice Terms:                          |          |                |         |   | SubTotal:    | \$<br>10,841.93  |         |
| Net 30                                  |          | Discou         | ınt Ava | ilable <u>ONLY</u> if Invoice is Paid & within listed terms |              | \$<br>(1,626.29) |         |
|   |          |                |         | SubTotal for Ta   | xable Items: | \$<br>7,827.03   |         |
|   |          | <br>           |         | SubTotal for Non-Ta   | xable Items: | \$<br>1,388.61   |         |
|   |          |                |         |   | Total:       | \$<br>9,215.64   |         |
|   |          |                | 6.30% E | Ellis County Sales Tax                                      | Tax:         | \$<br>493.10     |         |
| Thank You For Your Business!            |          |                |         | Ame   | ount Due:    | \$<br>9,708.74   |         |
|   |          |                |         | Applied P   | ayments:     |                  |         |
|   |          |                |         | Bala  | ance Due:    | \$<br>9,708.74   |         |

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Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 900

| Oeii 703-324-1041                      | N D V =    | H 19 51 TUTE          | - 2                                     | -                            | T 145   |  |                     |  |  |  |
|--|------------|-----------------------|---|------------------------------|---|--|---------------------|--|--|--|
| Sec                                    |            | Range                 |   | County                       | State   | On Location  | Finish              |  |  |  |
| Date 7-10-12 30                        | 14         | 17                    | EL                                      | LIS                          | KANSAS  |  | 14,49 pm            |  |  |  |
| Lease CoppER                           | Well No.   | 2-30                  | Locat                                   | ion Mun                      | 1208 12 18                                      | NINTO  | ).                  |  |  |  |
| Contractor DESCOVERS                   | 1 Der      | LEONCY #              | 2_                                      | Owner C                      | Am GARY &                                       | Assoc_   |                     |  |  |  |
| Type Job PROD STRUNG                   |            | <u> </u>              |   | You are he                   | Oilwell Cementing, Inc. ereby requested to rent | cementing equipmer   | nt and furnish      |  |  |  |
| Hole Size 7/8                          | T.D.       | 3630'                 |   | cementer                     | and helper to assist own                        | er or contractor to d  | o work as listed.   |  |  |  |
| Csg. 53-15-NEL                         | ) Depth    | 3626                  |   | To                           | Am GARY &                                       | ASSOC.   | 3211-111            |  |  |  |
| Tbg. Size                              | Depth      | · ·                   |   | Street 1515 WYNKOOP, STE 700 |   |  |                     |  |  |  |
| Tool                                   | Depth      |                       | to_ n=                                  | City DE                      | NVER  | State CO   | (0202               |  |  |  |
| Cement Left in Csg.                    | Shoe Jo    | int 42 3              | 5                                       | The above                    | was done to satisfaction an                     | d supervision of owner   | agent or contractor |  |  |  |
| Meas Line                              | Displace   | 85 BL                 | .9                                      | Cement Ar                    | mount Ordered 225-                              | apeac-109  | D SALT              |  |  |  |
|  | PMENT      |                       |   | 58 G.F.                      | SONTE- 14 LB F                                  | LO-SEAL 201  | BBL KUV             |  |  |  |
| Pumptrk 5 No. Cementer Helper          | TCK        | Not the Control       |   |                              | 88 CFL-117                                      | 25% CAF38  | 35 CD110            |  |  |  |
| Bulktrk#10 No. Driver Driver           | oug        | · 11.008              | les.                                    | Poz. Mix                     |   |  |                     |  |  |  |
| Bulktrk D No. Driver CT                | <b>500</b> |                       | ree on                                  | Gel. C 2                     | 110: 1174                                       |  |                     |  |  |  |
| JOB SERVICE                            | S & REMAR  | KS                    |   | ealcium /                    | Ch 2 gol  | már teachnea   | 11 = 3              |  |  |  |
| Remarks:                               |            | 15 2 1000             | g)                                      | Hulls                        | un in a a n                                     |  |                     |  |  |  |
| Raf Hole 30 3K5                        |            | A Chest               | TI JA                                   | Salt /                       | 7 - I - II                                      | TIA IIA  | nimi                |  |  |  |
| Mouse Hole 15 SKS                      | r u        |                       |   | Flowseal                     | 56#   |  |                     |  |  |  |
| Centralizers 1,3,5,7,9                 | .11.13     | , 15                  |   | Kol-Seal                     | 1057  |  |                     |  |  |  |
| Baskets 3 9 15                         |            |                       |   | Mud CLR 4                    | 18 500 даша                                     | งร   | N/T                 |  |  |  |
| D/V or Port Collar 🚇 🚇 🧶               | 3          |                       | 4.0                                     | CFL-117)01                   | CD110 CAF 38 50                                 |  | <u>-</u>            |  |  |  |
| DEODDED BALL BE                        | OKE C      | ECULAT                | MOT                                     | Sand                         | 176#  |  | P .                 |  |  |  |
| The - Dumped 50                        |            |                       |   | Handling                     | 254   | s. Make min A  | -                   |  |  |  |
| DLUGGED RATHOLE 3                      |            |                       |   | Mileage                      |   | The second second  |                     |  |  |  |
| MOUSE HOLE 15 SKS                      |            | and the second second | PARTICULAR TO                           | FLOAT EQUIPMENT              |   |  |                     |  |  |  |
| ************************************** |            | ₽ MASHE               | Transfer of                             | Guide Shoe                   |   |  |                     |  |  |  |
| DRODER DILLE & D.                      |            |                       | 100000000000000000000000000000000000000 | Centralizer 8-54 Tuesos      |   |  |                     |  |  |  |
| KCL - DILUA                            | LANDE      | D4 HEL                | D .                                     | Baskets                      | 3-55" BASK                                      |  |                     |  |  |  |
|  | January, I | g den.                | 40                                      | AFU Inserts                  | *(p), 117 - (r)                                 | ar comment to the  |                     |  |  |  |
| LIFT DRESSURE                          | 0 1000     | 学                     |   | Float Shoe                   | 1-54  | F. Committee & B.  |                     |  |  |  |
| PLUG LANDERO                           | mala       | at a                  | Latch Down                              | 1.5 /2" w/3                  | 21.12   |  |                     |  |  |  |
| THE DEPOSITE OF THE PARTY OF           |            |                       |   | 202                          | LS-KCL  | 2  |                     |  |  |  |
|  | - YOUNG    | Brown B               |   | L BANG                       | AND REPORTED AND                                | Sales Sa | 1                   |  |  |  |
| and as printed in the second second    | The same   | N - M - E             |   | Pumptrk Ch                   | arge Mod Lo                                     | es Ctrima  |                     |  |  |  |
| enavnul min sa anna ecesa se           |            | ugo =ayr              |   | Mileage S                    | 1   | 131111   |                     |  |  |  |
| THAMP W                                | N. L       | 1 1 2                 |   | l inst Al                    |   | Tax  | :                   |  |  |  |
|  |            | 1                     |   |                              | e   | Discount   | .*                  |  |  |  |
| igner MMh Harre                        | engent     |                       | E 501                                   | 100                          |   | Total Charge   |                     |  |  |  |
|  |            |                       |   |                              |   |  |                     |  |  |  |





Date: 7/26/2012 Invoice # 756

P.O.#:

**Due Date:** 8/25/2012

Division: Russell

8/23

#### QUALITY OILWELL CEMENTING, INC.

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

## Invoice

Contact:

Samuel Gary Jr & Associates Inc Address/Job Location: Samuel Gary Jr & Associates Inc 1815 11th Street Great Bend, KS 67530

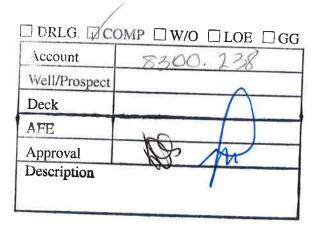
Reference:

**Description of Work:** SQUEEZ JOB

RECEIVED

AUG 0 6 2012

SAMUEL GARY JR. & ASSOCIATES, INC.



**Balance Due: \$** 

3,242.23

| Services / Items Included:                   | Quantity | Price          | Taxable | ltem | Quantity | Price | Taxable |
|--|----------|----------------|---------|------|----------|-------|---------|
| Labor  |          | \$<br>1,239.23 | No      |      |          |       |         |
| Common-Class A                               | 150      | \$<br>1,986.86 | Yes     |      |          |       |         |
| Bulk Truck Matl-Material Service Charge      | 150      | \$<br>325_71   | No      |      |          |       |         |
| Pump Truck Mileage-Job to Nearest Camp       | 8        | \$<br>86.68    | No      |      |          |       |         |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 8        | \$<br>50.72    | Nο      |      |          |       |         |

| Invoice Terms:               |  | SubTotal:          | \$ | 3,689.21 |
|------------------------------|--|--------------------|----|----------|
| Net 30                       | Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice: |                    |    | (553.38) |
| SubTotal for Taxable Items   |  |                    | \$ | 1,688.83 |
| SubTotal for Non-Taxab       |  | Non-Taxable Items: | \$ | 1,447.00 |
|                              | ·  | Total:             | \$ | 3,135.83 |
|                              | 6.30% Ellis County Sales Tax Tax:  |                    |    | 106.40   |
| Thank You For Your Business! |  | Amount Due:        | \$ | 3,242.23 |
|                              | Арр  | lied Payments:     |    |          |

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 756

| Cell 765-324-1041  | Sec.                        | Twp.       | Range      |  | County   | State     | On Location  | Finish |  |
|--|-----------------------------|------------|------------|--|--|-----------|--|--------|--|
| Date 7-23-17   | 30                          | 14         | 17         | E  | 11:5   | K5        |  | 3,30pm |  |
| Lease CODER  |                             | Well No.   | -30        | Locati   | on Mun   | 10 15 34  | E Ninto  | · /    |  |
| Contractor EXXX 955  |                             |            |            | Owner  |  |           |  |        |  |
| Type Job Schuere   |                             |            |            | To Quality Oilwell Cementing, Inc.  You are hereby requested to rent cementing equipment and furnish |  |           |  |        |  |
| Hole Size 7.7/8 T.D.   |                             | .D.        |            | cementer and helper to assist owner or contractor to do work as listed.                              |  |           |  |        |  |
| -, 10  | 15.50# Depth                |            |            | Charge Sam Coary Jr + Acroc  |  |           |  |        |  |
| Tbg. Size 218  | / TR                        | Depth      |            |  | Street   |           |  |        |  |
| Tool Dans Padle  | ,                           | Depth      |            |  | City State   |           |  |        |  |
| Cement Left in Csg.  |                             | Shoe Joint |            |  | The above was done to satisfaction and supervision of owner agent or contractor. |           |  |        |  |
| Meas Line  |                             | Displace   |            |  | Cement Amount Ordered 150 Lon  |           |  |        |  |
| 2 1 3 4 1 N 2 O  | EQUIP                       | MENT       |            |  |  |           |  |        |  |
| Pumptrk 15 No. Ceme  | Pumptrk / No. Cementer Aa's |            |            |  | Common 150   |           |  |        |  |
| Bulktrk No. Driver   | No Driver AliCK             |            |            | Poz. Mix   |  |           |  |        |  |
| No. Driver   | A                           | 1          |            |  | Gel.   |           |  |        |  |
| JOB SERVICES & REMARKS   |                             |            |            | Calcium  |  |           |  |        |  |
| Remarks:   |                             |            |            | Hulls  |  |           |  |        |  |
| Rat Hole   |                             |            |            |  | Salt   |           |  |        |  |
| Mouse Hole   |                             |            |            | Flowseal   |  |           |  |        |  |
| Centralizers   |                             |            |            | Kol-Seal   |  |           |  |        |  |
| Baskets  |                             |            |            | Mud CLR 48   |  |           |  |        |  |
| D/V or Port Collar   |                             |            |            | CFL-117 or CD110 CAF 38  |  |           |  |        |  |
| Plus 2348  |                             |            |            | Sand   |  |           |  |        |  |
| Parts 3298-3300 +33/6-19   |                             |            |            | Handling 150   |  |           |  |        |  |
| Parkle Set +0 Sance 20 3188  |                             |            |            | Mileage  |  |           |  |        |  |
| 4310 1200# DIVID 150 SK 9  |                             |            |            | FLOAT EQUIPMENT  |  |           |  |        |  |
| Displaced, Squeezed to Coot-   |                             |            |            | Guide Shoe   |  |           |  |        |  |
| Shot in a Last.  |                             |            |            | Centralizer  |  |           |  |        |  |
| - Jan I NE GO  |                             |            |            | Baskets  |  |           |  |        |  |
| The same of the same of  |                             |            |            | AFU Inserts  |  |           |  |        |  |
|  |                             |            | Float Shoe |  |  |           |  |        |  |
| The state of the s |                             |            |            | Latch Down   |  |           |  |        |  |
|  | A Comme                     |            |            |  |  | - N       |  |        |  |
|  | (6)                         | · Johnson  | Series A   | The state  | in action  | "快" 在 医学验 | A STATE OF THE PARTY OF THE PAR |        |  |
|  |                             |            |            |  | Pumptrk Charge 5 gueco   |           |  |        |  |
| 1.1 2 3.2  |                             |            |            | Mileage  |  |           |  |        |  |
| 5-1-1-1  | Λ                           | ,          |            |  | 0  |           | Tax  | (      |  |
| A seal black   |                             |            |            |  | Discount   |           |  |        |  |
| Signature AMUSYMMUM  |                             |            |            | Total Charge   |  |           |  |        |  |
| Oignature 70 17  | -                           |            |            |  | -  |           |  |        |  |



# Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Copper 2-30

Location: Sec. 30-14S-17W Ellis County, Kansas

License Number: 15-051-26340-0000 Region: WILDCAT
Spud Date: July 7, 2012 Drilling Completed: July 10, 2012

Surface Coordinates: 1890 FSL/ 2310 FEL

Bottom Hole Coordinates:

Ground Elevation (ft): 1934'
Logged Interval (ft): 2900'
K.B. Elevation (ft): 1942'
To: 3630'
Total Depth (ft): 3630'

Formation:

Type of Drilling Fluid:

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

#### **OPERATOR**

Company: Samuel Gary Jr. & Assoc. Address: 1515 Wynkoop, Ste. # 700

Denver, Colo. 80202 Geo: Clayton Camozzi

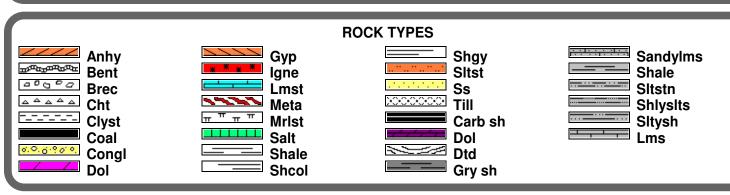
#### **GEOLOGIST**

Name: Aaron Suelter
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945

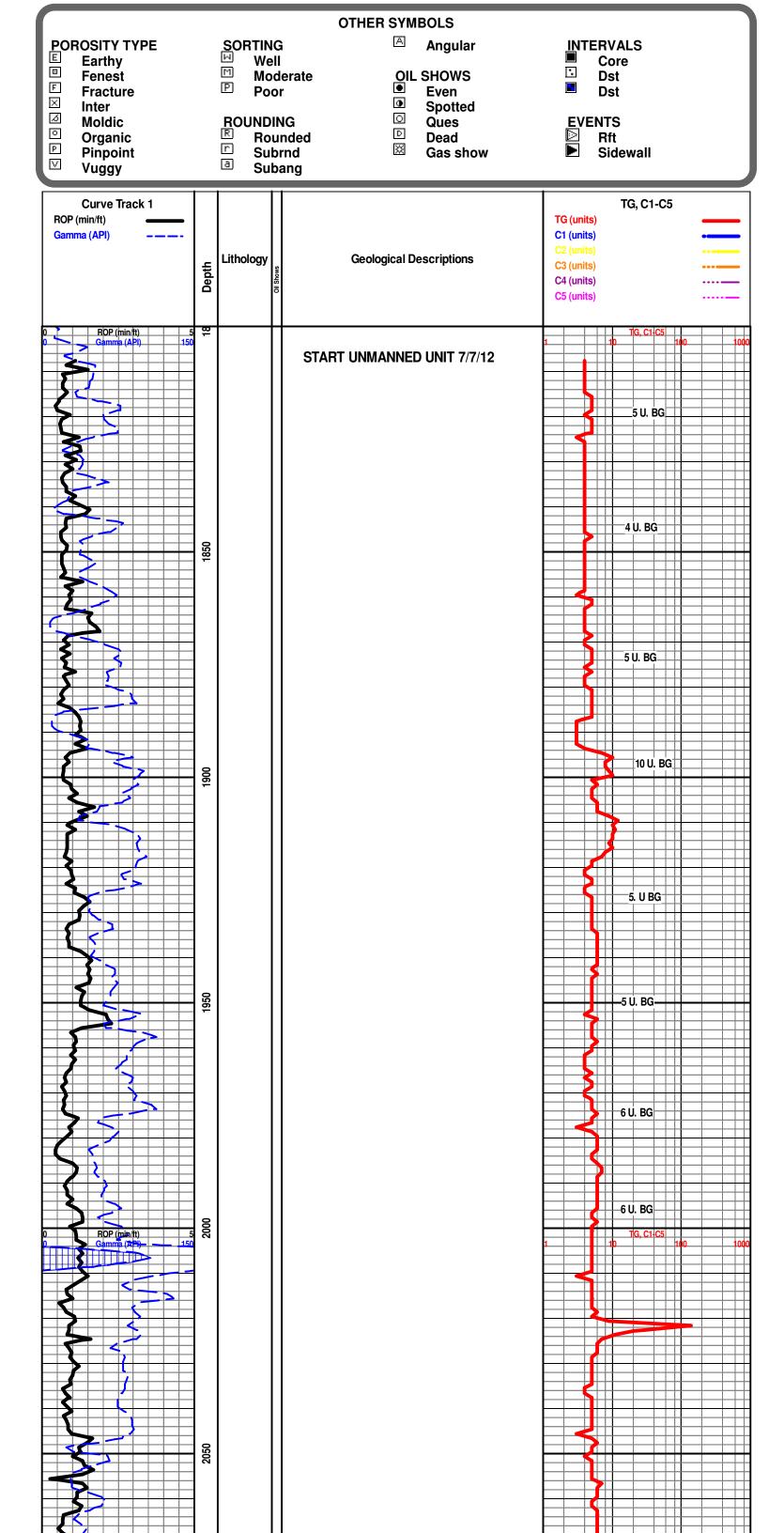
Off. 888-543-8378 Cell: 785-531-2406

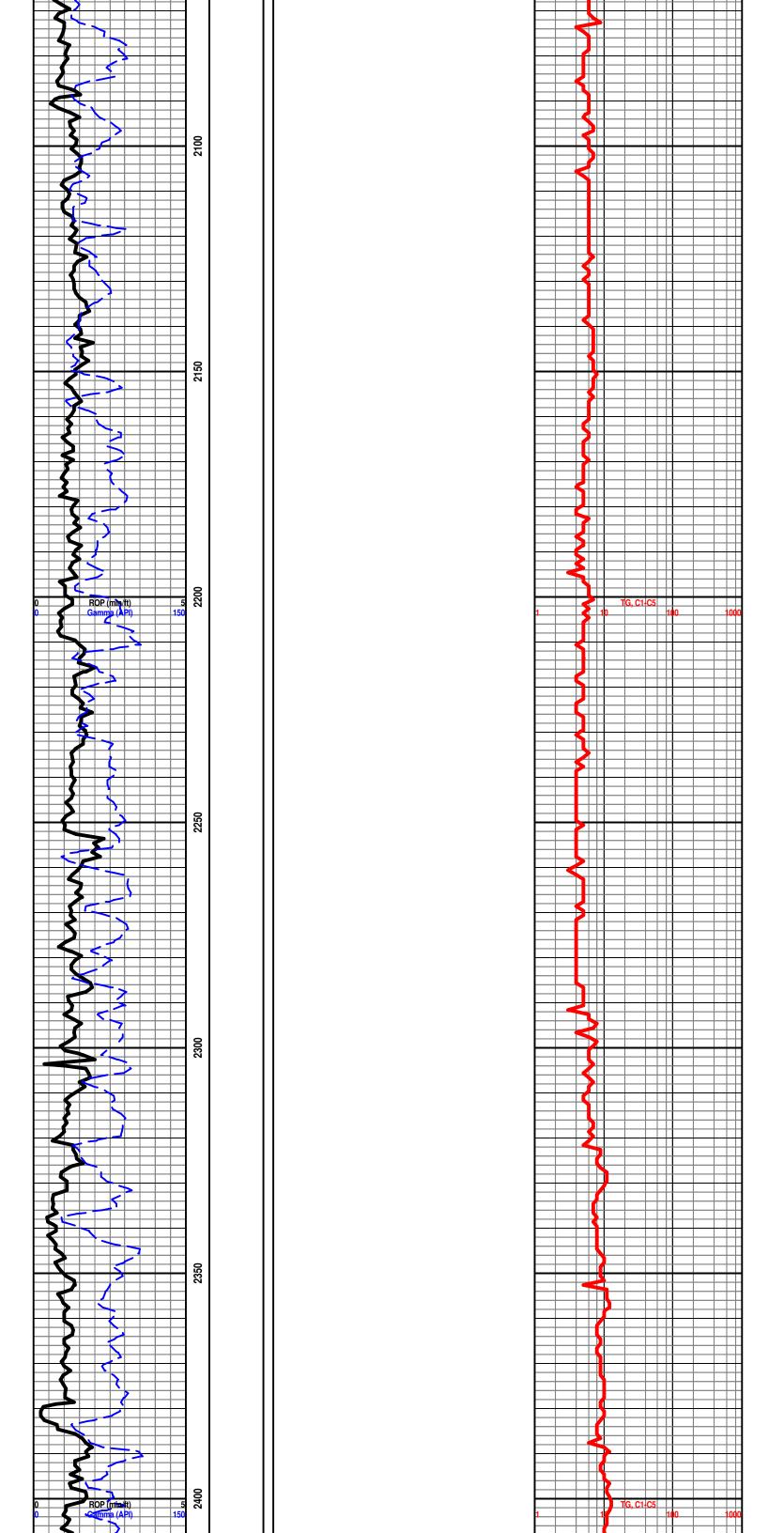
#### **DST's Report**

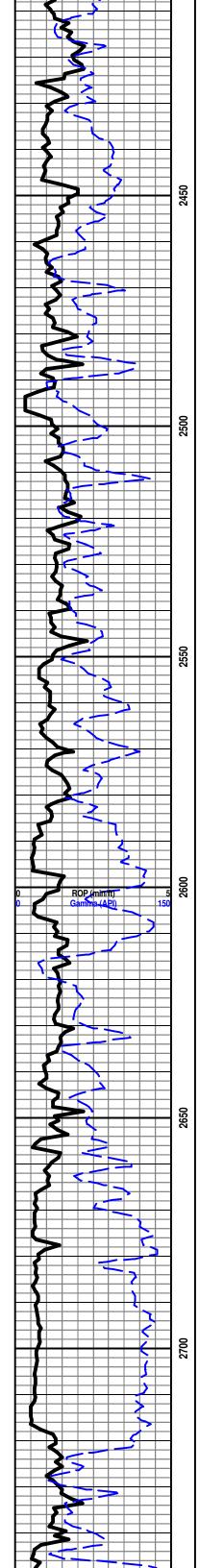
### DST's Report

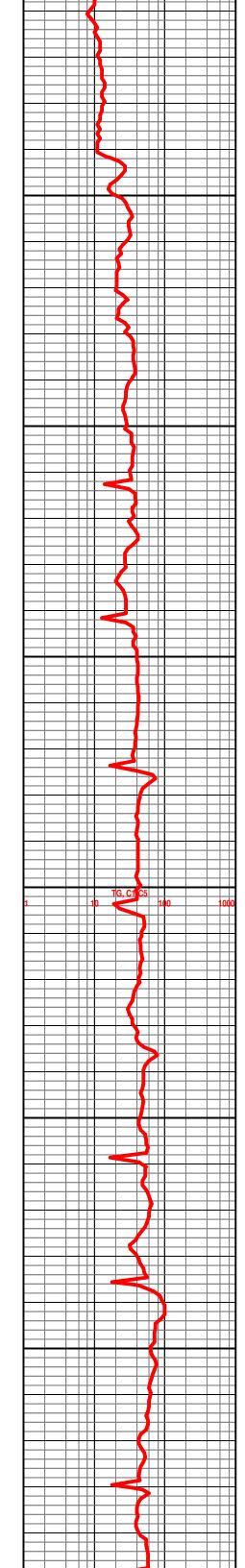


#### **ACCESSORIES MINERAL Fossil** Clystn Salt $\cdot$ Ø Sandy Gastro Dol **Anhy** .... ¢ Arggrn Silt **Oolite** Grysh $\wedge$ 0 Sil Ostra Gryslt Arg S В $\nabla$ **Bent Pelec** Sulphur Lms Sandylms $\setminus$ ø Bit Tuff Pellet Sh ø ß • **Pisolite Brecfrag** Chlorite Sltstn \_ \_ Calc **Plant** Dol $\mathbf{m}$ . Carb Sand Strom $\blacksquare$ 0 Chtdk Slty **Fuss TEXTURE** $\triangle$ Ó Chtlt Oomold **Boundst** 4 С **FOSSIL** Dol Chalky STRINGER + CryxIn Algae **Feldspar** • • е Amph **Ferrpel Anhy Earthy** $\overline{\phantom{a}}$ ρ Arg FΧ Belm Ferr FinexIn $\circ$ $\mathbf{r}_{\mathbf{l}\mathbf{l}_{\mathbf{l}}\mathbf{l}\mathbf{l}_{\mathbf{l}}}$ $\sim$ GS **Bent** Glau **Bioclst** Grainst 111 Φ L Gyp **Brach** Coal Lithogr ٦ $\Upsilon$ MXHvymin Bryozoa Dol MicroxIn હ MS K Kaol Cephal Gyp Mudst П Α PS Marl Coral **Packst** Ls Mrst \* 0 MS Wackest Minxl Crin Sltstrg 8 Θ **Nodule Echin** Ssstrg $\propto$ \*\* Phos Fish Ρ 8 Pyr **Foram** Carbsh









BRS 2718' -776'

