



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1091730
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. 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: _____

1091730

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | | | | |
|---|--|------------------------------|----------------------------------|---------------------------------|
| Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Electric Log Run | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| List All E. Logs Run: | | | | |

| CASING RECORD <input 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

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

| | |
|-----------|------------------------------------|
| Form | ACO1 - Well Completion |
| Operator | Samuel Gary Jr. & Associates, Inc. |
| Well Name | SCHLEGEL 2-34 |
| Doc ID | 1091730 |

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/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 24, 2012

CLAYTON CAMOZZI
Samuel Gary Jr. & Associates, Inc.
1515 WYNKOOP, STE 700
DENVER, CO 80202

Re: ACO1
API 15-165-21970-00-00
SCHLEGEL 2-34
NE/4 Sec.34-16S-16W
Rush 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 at 303-831-4673.

Respectfully,
CLAYTON CAMOZZI



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

Date: 5/9/2012
 Invoice # 284

P.O.#:
 Due Date: 6/8/2012
 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:
 SCHLEGEL 2-34

Description of Work:
 LONG SURFACE JOB

RECEIVED

MAY 16 2012

SAMUEL GARY JR.
 & ASSOCIATES, INC.

DRLG COMP W/O LOE GG

| | |
|---------------|----------|
| Account | 8200.138 |
| Well/Prospect | |
| Deck | |
| AFE | |
| Approval | |
| Description | |

Services / Items Included:

| | Quantity | Price | Taxable |
|--|----------|-------------|---------|
| Labor | | \$ 991.39 | No |
| Common-Class A | 350 | \$ 4,636.00 | Yes |
| Bulk Truck Matl-Material Service Charge | 369 | \$ 801.26 | No |
| 8 5/8" Basket | 2 | \$ 686.17 | Yes |
| Calcium Chloride | 13 | \$ 531.54 | Yes |
| Pump Truck Mileage-Job to Nearest Camp | 31 | \$ 335.90 | No |
| Flo Seal | 87 | \$ 188.91 | Yes |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 31 | \$ 196.56 | No |
| 8 5/8" Centralizer | 2 | \$ 138.97 | Yes |
| 8 5/8" Top Rubber Plug | 1 | \$ 115.09 | Yes |
| Premium Gel (Bentonite) | 6 | \$ 106.05 | Yes |

| Item | Quantity | Price | Taxable |
|-------------------------------|----------|---------|---------|
| Baffle Plate Aluminum, 8 5/8" | 1 | \$97.71 | Yes |

Invoice Terms:

Net 30

SubTotal: \$ 8,825.55
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (1,323.83)

| | |
|---------------------------------|-------------|
| SubTotal for Taxable Items: | \$ 5,525.39 |
| SubTotal for Non-Taxable Items: | \$ 1,976.34 |
| Total: | \$ 7,501.72 |
| Tax: | \$ 348.10 |

6.30% Rush County Sales Tax

Thank You For Your Business!

Amount Due: \$ 7,849.82
Applied Payments:
Balance Due: \$ 7,849.82

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

Federal Tax I.D.# 20-2886107

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

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

No. 284

| | | | | | | | | | | | | | | | |
|------|--------|------|----|------|----|-------|----|--------|------|-------|----|-------------|--|--------|---------|
| Date | 5/5/12 | Sec. | 34 | Twp. | 16 | Range | 16 | County | Rush | State | KS | On Location | | Finish | 1:45 PM |
|------|--------|------|----|------|----|-------|----|--------|------|-------|----|-------------|--|--------|---------|

| | | | | | | | | | | | | | | | |
|-------|----------|----------|------|----------|-----------------------------|--|--|--|--|--|--|--|--|--|--|
| Lease | Schlegel | Well No. | 2-34 | Location | Galata, SW, 15, 1/2W, Santo | | | | | | | | | | |
|-------|----------|----------|------|----------|-----------------------------|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|------------|--------|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|
| Contractor | VAL #6 | | | | | | | Owner | | | | | | | | |
|------------|--------|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|----------|---------|--|--|--|--|--|--|-------|------------------------------------|--|--|--|--|--|--|--|
| Type Job | SURFACE | | | | | | | Owner | To Quality Oilwell Cementing, Inc. | | | | | | | |
|----------|---------|--|--|--|--|--|--|-------|------------------------------------|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|-----------|---------|--|--|--|--|--|--|------|------|--|--|--|--|--|--|--|
| Hole Size | 12 1/4" | | | | | | | T.D. | 779' | | | | | | | |
|-----------|---------|--|--|--|--|--|--|------|------|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|------|------------|--|--|--|--|--|--|-------|------|--|--|--|--|--|--|--|
| Csg. | 8 5/8" 23# | | | | | | | Depth | 779' | | | | | | | |
|------|------------|--|--|--|--|--|--|-------|------|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|
| Tbg. Size | | | | | | | | Depth | | | | | | | | |
|-----------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|
| Tool | | | | | | | | Depth | | | | | | | | |
|------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|---------------------|-----|--|--|--|--|--|--|------------|-----|--|--|--|--|--|--|--|
| Cement Left in Csg. | 42' | | | | | | | Shoe Joint | 42' | | | | | | | |
|---------------------|-----|--|--|--|--|--|--|------------|-----|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|----------|----------|--|--|--|--|--|--|--|
| Meas Line | | | | | | | | Displace | 47 Bbls. | | | | | | | |
|-----------|--|--|--|--|--|--|--|----------|----------|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|-----------------------|----------------------|--|--|--|--|--|--|--|
| | | | | | | | | Cement Amount Ordered | 350sx Com 3%CLL 2%gp | | | | | | | |
|--|--|--|--|--|--|--|--|-----------------------|----------------------|--|--|--|--|--|--|--|

EQUIPMENT

| | | | | | | | | | | | | | | | |
|---------|---|-----|---------------|------|--|--|--|--|--|--|--|--|--|--|--|
| Pumptrk | 5 | No. | Cement Helper | Paul | | | | | | | | | | | |
|---------|---|-----|---------------|------|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|---------|----|-----|--------|-------|--|--|--|--|--|--|--|--|--|--|--|
| Bulktrk | 12 | No. | Driver | Brett | | | | | | | | | | | |
|---------|----|-----|--------|-------|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|---------|----|-----|--------|------|--|--|--|--|--|--|--|--|--|--|--|
| Bulktrk | PV | No. | Driver | Doug | | | | | | | | | | | |
|---------|----|-----|--------|------|--|--|--|--|--|--|--|--|--|--|--|

JOB SERVICES & REMARKS

| | | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Remarks: | | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Rat Hole | | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mouse Hole | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Centralizers | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Baskets | | | | | | | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| D/V or Port Collar | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Est. Circ | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Max 350sx | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Displace | | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Land Plug | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Cement Circulated | | | | | | | | | | | | | | | |
|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Thank You!!

8 5/8" FLOAT EQUIPMENT

| | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Guide Shoe | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Centralizer | 2 | | | | | | | | | | | | | | |
|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|---------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Baskets | 2 | | | | | | | | | | | | | | |
|---------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| AFU Inserts | | | | | | | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Float Shoe | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Latch Down | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bullup Plate + Rubber Plug | | | | | | | | | | | | | | | |
|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Head + Manifold | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|----------------|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Pumptrk Charge | Long Surface | | | | | | | | | | | | | | |
|----------------|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | |
|---------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mileage | 31 | | | | | | | | | | | | | | |
|---------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Tax

Discount

Total Charge

X Signature *Randy O Mant*



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

Date: 5/12/2012
 Invoice # 389

P.O.#:
 Due Date: 6/11/2012
 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:
 SCHEGEL 2-34

Description of Work:
 PLUG JOB

| Services / Items Included: | Quantity | Price | Taxable | Item | Quantity | Price | Taxable |
|--|----------|-------------|---------|------|----------|-------|---------|
| Labor | | \$ 991.39 | Yes | | | | |
| Common-Class A | 150 | \$ 1,986.86 | Yes | | | | |
| Bulk Truck Matl-Material Service Charge | 259 | \$ 582.40 | Yes | | | | |
| POZ Mix-Standard | 100 | \$ 499.43 | Yes | | | | |
| Pump Truck Mileage-Job to Nearest Camp | 21 | \$ 227.54 | Yes | | | | |
| Premium Gel (Bentonite) | 9 | \$ 159.08 | Yes | | | | |
| Flo Seal | 62 | \$ 134.63 | Yes | | | | |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 21 | \$ 133.15 | Yes | | | | |

Invoice Terms:

Net 30

SubTotal: \$ 4,694.48
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (704.17)

SubTotal for Taxable Items: \$ 3,990.31
 SubTotal for Non-Taxable Items: \$ -

6.30% Rush County Sales Tax

Total: \$ 3,990.31
 Tax: \$ 251.39

Thank You For Your Business!

Amount Due: \$ 4,241.69
Applied Payments:
Balance Due: \$ 4,241.69

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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DRLG COMP W/O LOE GG

| | |
|---------------|----------|
| Account | 8200.745 |
| Well/Prospect | |
| Deck | |
| AFE | |
| Approval | PK |
| Description | |

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 389

| | | | | | | | | | | | | | | | |
|---------------------|-------------------------|------|------------|--|--|--|----|--------|------|-------|--------|-------------|--|--------|---------|
| Date | 10 5-9-12 | Sec. | 34 | Twp. | 16 | Range | 16 | County | RUSH | State | KANSAS | On Location | | Finish | 4:15 AM |
| Lease | SCHLEGEL | | Well No. | 234 | | Location GALATHEA TO 3700 - S. 1st TO FBO - 2nd - 5000 | | | | | | | | | |
| Contractor | VAL ENERGY #6 | | | | Owner | SAMUEL GARY JR & ASSOC. | | | | | | | | | |
| Type Job | ROTARY PLUG | | | | To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | | | | | | |
| Hole Size | 8 1/2 8 5/8" | | T.D. | 3650' | | | | | | | | | | | |
| Csg. | 5 1/2" | | Depth | Charge To SAMUEL GARY JR & ASSOC. | | | | | | | | | | | |
| Tbg. Size | | | Depth | Street 1515 WYNWOOD, STE 700 | | | | | | | | | | | |
| Tool | | | Depth | City DENVER State COLORADO, 80202 | | | | | | | | | | | |
| 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 250 6 3/4 - 4 3/4 GEL | | | | | | | | | | | |

EQUIPMENT

| | | | | | |
|-------------|-----|-----------------|------|----------|-----|
| Pumptrk #15 | No. | Cementer Helper | NICK | Common | 130 |
| Bulktrk #10 | No. | Driver | LEVY | Poz. Mix | 100 |
| Bulktrk #10 | No. | Driver | OSBO | Gel. | 9 |

JOB SERVICES & REMARKS

| | |
|--------------------|-------------------------|
| Remarks: | Hulls |
| Rat Hole 30 SKS | Salt |
| Mouse Hole 20 SKS | Flowseal 62# |
| Centralizers | Kol-Seal |
| Baskets | Mud CLR 48 |
| D/V or Port Collar | CFL-117 or CD110 CAF 38 |
| | Sand |
| 1st @ 3540' | Handling 259 |
| 2nd @ 1080' | Mileage |

FLOAT EQUIPMENT

| | | |
|------------|---------|------------------------|
| 3rd @ 810' | 50 SKS | Guide Shoe |
| 4th @ 450' | 30 SKS | Centralizer |
| 5th @ 60' | 20 SKS | Baskets |
| RATHLE | 30 SKS | AFU Inserts |
| MOUSEHOLE | 20 SKS | Float Shoe |
| | 250 SKS | Latch Down |
| | | 1- 8 5/8 DRY HOLE PLUG |
| | | Pumptrk Charge plug |
| | | Mileage 21 |

X Signature *Randy M...*

Tax
Discount
Total Charge



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

Well Name: Schlegel 2-34
Location: Sec. 34 - 16S - 16W
License Number: 15-165-21970-0000
Spud Date: 5/05/12
Surface Coordinates: 735' FNL/ 1970' FEL

Region: Wildcat
Drilling Completed: 5/09/12

Bottom Hole Coordinates:
Ground Elevation (ft): 1975' K.B. Elevation (ft): 1985'
Logged Interval (ft): 1950' To: 3650' Total Depth (ft): 3650'
Formation: Lansing, Arbuckle
Type of Drilling Fluid:

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

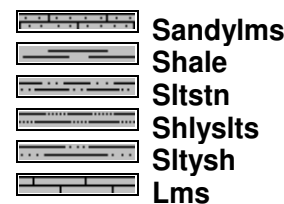
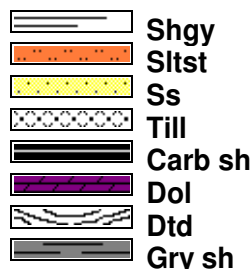
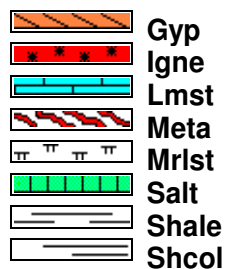
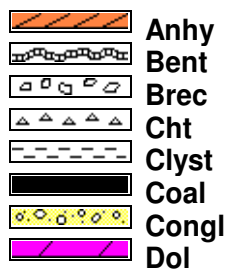
OPERATOR

Company: Samuel Gary Jr. & Assoc.
Address: 1515 Wynkoop, Ste. # 700
Denver, Colo. 80202
Geo: CLAYTON CAMOZZI

GEOLOGIST

Name: SCHUYLER HEDRICK
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945
Off. 888-543-8378

ROCK TYPES

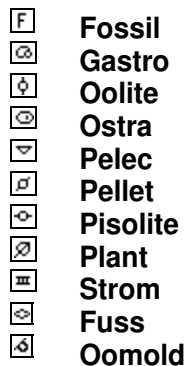
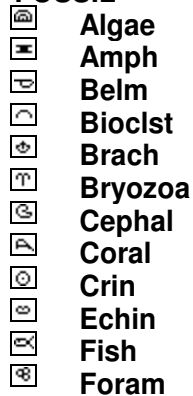


ACCESSORIES

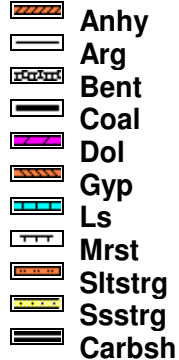
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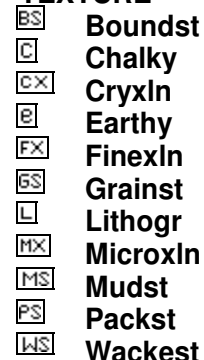
FOSSIL



STRINGER

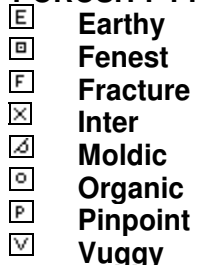


TEXTURE



OTHER SYMBOLS

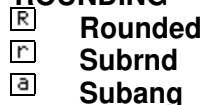
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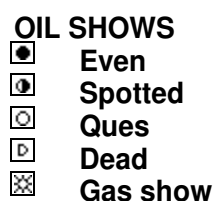
SORTING



ROUNDING



Angular

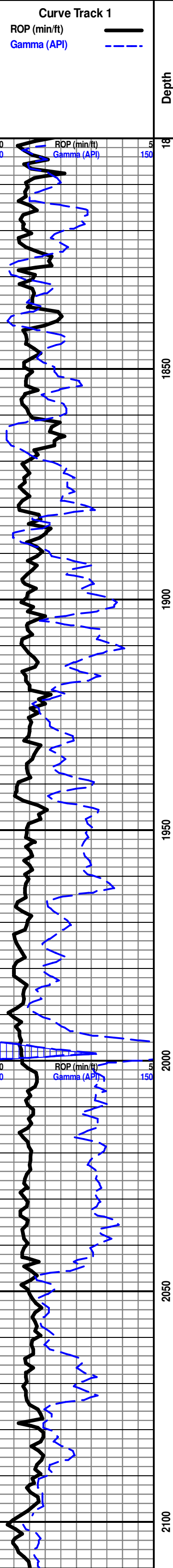


INTERVALS



EVENTS



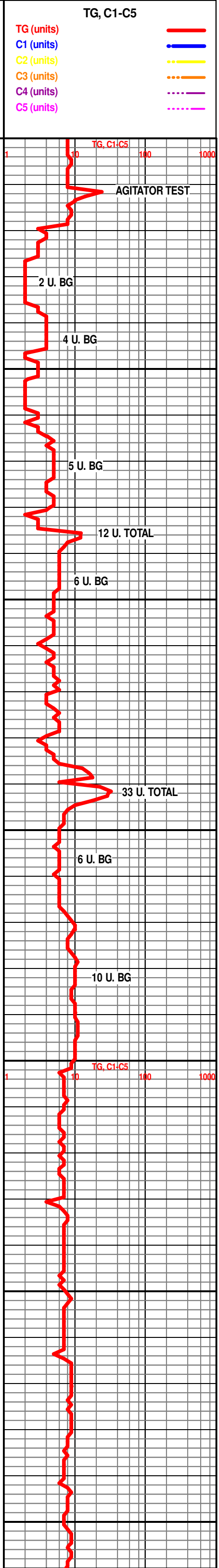


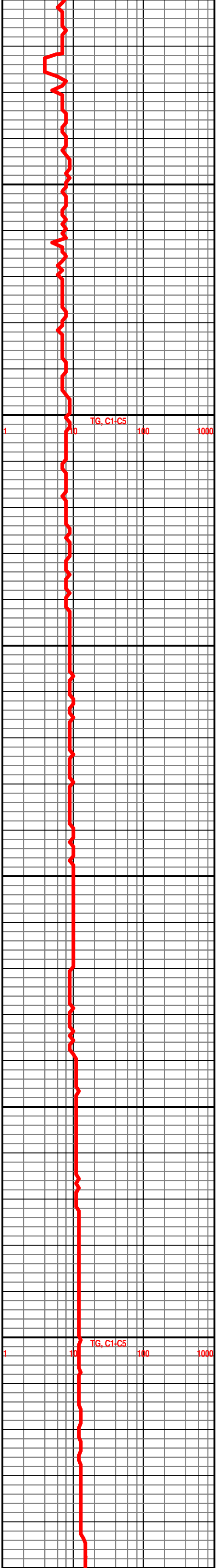
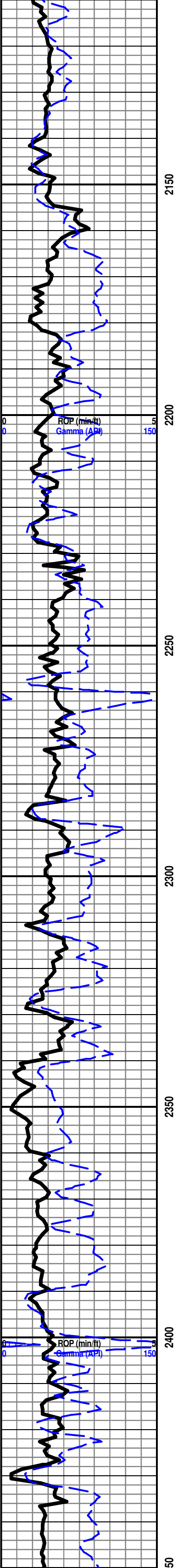
Lithology

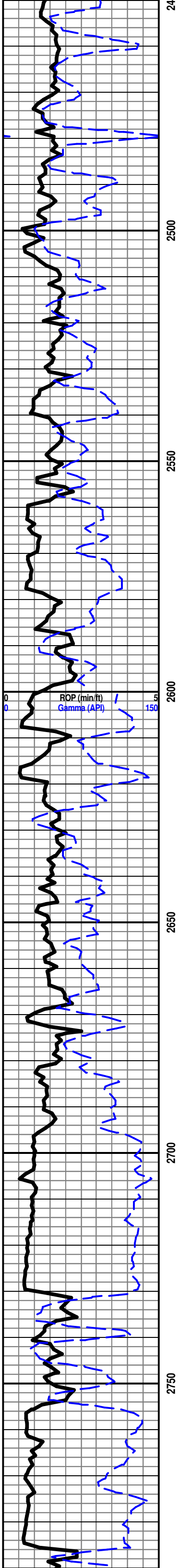
Oil Shows

Geological Descriptions

START UNMANNED UNIT







24

2500

2550

2600

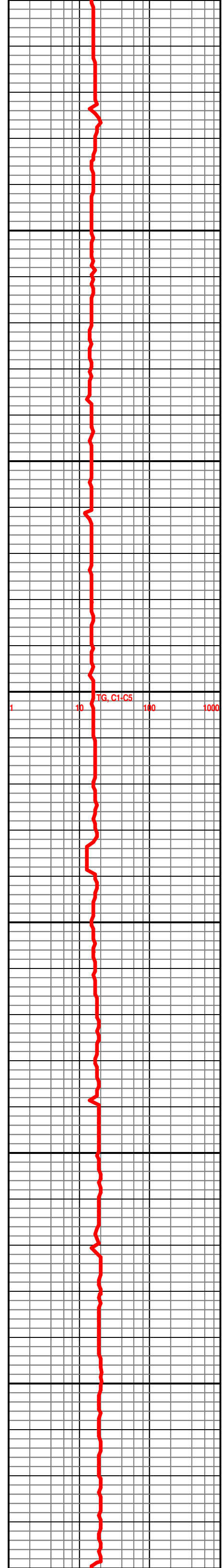
2650

2700

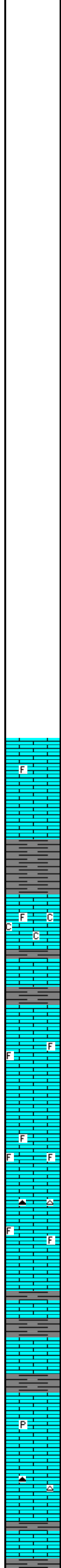
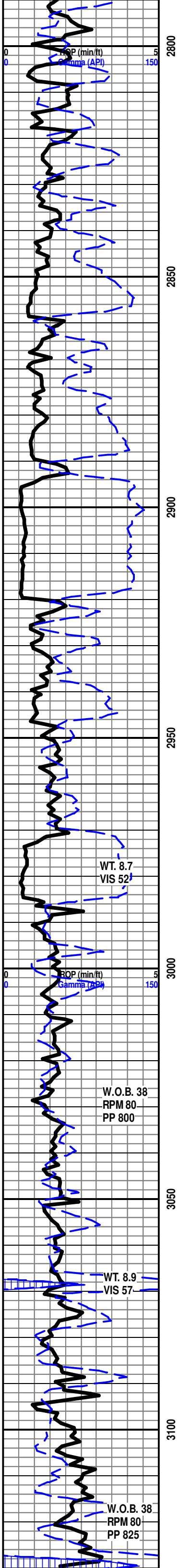
2750

ROP (min/ft)
Gamma (API)

BRS 2730'-745'



TG, C1-C5



MUD DISPLACEMENT

HOWARD 2920'-935'

START 24HR. MANNED UNIT 5/07/12

LS- TN TO GY MOTT, HD DNS TO BR TT, MD/F-XLN MTRX, RE-XLN IP, TR S-SUCRO IP, IMB CALC-XLS IP, SLI TR FOSS FRAGS IP, TR V DUL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

SEVERY 2971'-986'

SH- GY TO DK GY, FRM TO V SFT, SPNTY SLTY TXT

TOPEKA 2985'-1000'

LS- CRM TO LT TN, HD DNS TO BR TT THRU, MD/F-XLN MTRX, S-CHLKY IP, SCAT SFT WHT CHLK, TR SCAT FREE CALC-XLS, SLI TR FREE FOSSIL, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- LT TN TO LT GY MOTT, V HD DNS TO TR BR TT IP, F/XLN RE-XLN MTRX, S-SUCRO IP, IMB FOSS FRAGS IP, IMB CALC-XLS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- CRM TO LT GY, V HD DNS, MD/F-XLN MTRX, S-SUCRO IP, SCAT IMB FOSS FRAGS THRU, TR SCAT SFT WHT CHLK, SCAT DUL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

LS- LT GY TO GY, HD DNS TO BR TT, MD/F-XLN MTRX, RE-XLN IP, S-CHLKY IP, SFT WHT CHLK THRU, IMB FOSS FRAGS IP, SLI TR MOTT CHRT IP, V DUL YEL FLO IN 20%, NO VIS POR, NO VIS CUT OR SHOW

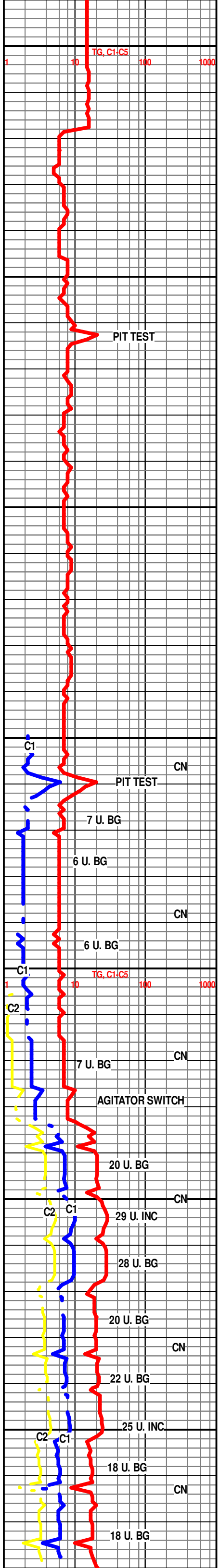
SH- LT GY TO LT GRN, FRM TO V SFT, SPLNTY SMTH TXT

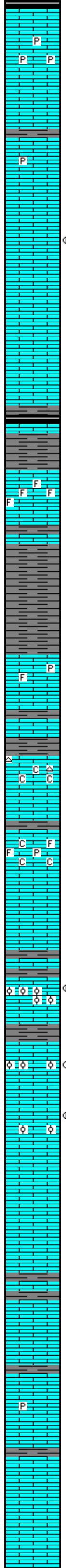
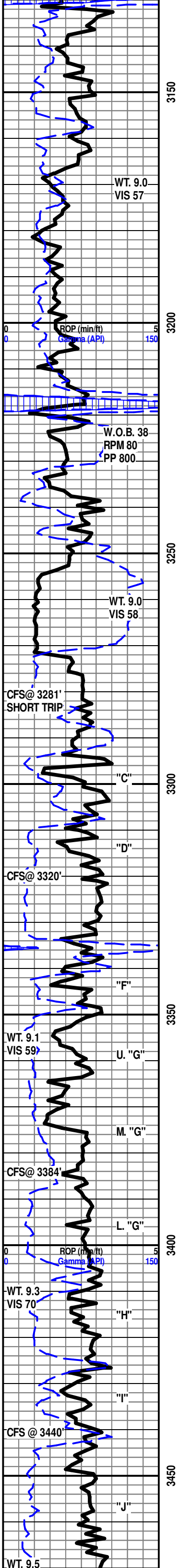
LE COMPTON 3089'-1104'

LS- OFF WHT TO CRM, DNS SFT TO BR TT, MD-XLN, CHLKY MTRX, SCAT SFT WHT CHLK THRU, FREE CALC-XLS THRU, SLI TR PYR IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- OFF WHT TO V LT GY, V HD DNS, F/VF-XLN MTRX, CRYPTO-XLN IP, TR MOTT CHRT IP, V DUL YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR SHOW

SH- BLCK SFT CARR W/ LT GY TO GY SFT BLCK SMTH





LS- CRM TO LT TN, HD DNS TO BR TT, MD-XLN RE-XLN MTRX, S-SUCRO THRU, AB DT IMB PYR THRU, SCAT IMB CALC-XLS, DUL YEL FLO IN 30% BRT YEL FLO IN 20%, NO VIS POR, NO VIS CUT OR SHOW

LS- OFF WHT TO CRM, HD DNS TO BR TT, F/XLN MTRX, RE-XLN IP, S-CHLKY IP, SFT WHT CHLK IP, SLI TR PYR IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

3181'3182' LS- OFF WHT TO CRM, W/ LIVE OIL STN ON ONE FACES OF ROCK, V HD DNS TO BR TT IP, MD/F-XLN MTRX, S-CHLKY IP, IMB CALC-XLS ON ONE FACES, SCAT SFT WHT CHLK IP, DUL YEL GLD FLO IN 10%, V PR INTER-XLN POR IN 5% ON ONE FACES, TR V PR MICRO VUG POR IP ON ONE FACES, POSS FRACT POR, PR TO FR FL SH CUT IP, FR SLW STRM CUT IN 20% ON ONE FACES, NO LCH ON DSH, NO OIL ODOR

HEEBNER 3218'-1232'

SH- BLCK SFT CARB

SH- LT GY TO GY, FRM TO SFT, SPLNTY SMTH TXT

LS- LT TN TO LT GY, HD DNS TO BR TT IP, MD/F-XLN MTRX, RE-XLN, S-CHLKY IP, IMB FOSS FRAGS THRU, SCAT SFT WHT CHLK, IMB DISS PYR, IMB SH IP, TR V DUL YEL FLO IP, NO VIS POR, NO VIS SHOW

DOUGLAS 3248'-1263'

SH- LT GRN TO LT GY GY, SFT TO V GMMY THRU, BLKCY SMTH TXT

LANSING 3273'-1288'

LS- CRM TO LT TN, HD DNS TO BR TT IP, MD/F-XLN MTRX, S-CHLKY, S-SUCRO IP, SCAT SFT WHT CHLK THRU, TR PYR IP, TR IMB FOSS FRAGS IP, V DUL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

LANSING "C" 3294'-1309'

LS- OFF WHT TO CRM LT TN, HD DNS TO V BR TT, MD/XLN, CHLKY MTRX, AB DT SCAT SFT WHT CHLK THRU TRAY, IMB WHT CHRT IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- LT TN TO TN, HD DNS TO BR TT IP, MD/F-XLN MTRX, RE-XLN IP, S-SUCRO IP, SFT WHT CHLK IN TRAY, IMB FOSS FRAGS IP, TR IMB CALC-XLS IP, TR PYR IP, TR V DUL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

LANSING "F" 3341'-1356'

3343'-3344' LS- OFF WHT TO CRM W/TN OIL STN IN 20%, DNS TO V BR TT, V-RE-XLN MTRX, S-CHLKY, AB DT MD IMB OOLITES @ POINT MTRX, V-OOLITIC, AB DT SCAT SFT WHT CHLK THRU, BRT YEL GLD FLO SCAT IN 40%, DUL YEL GLD FLO IN 10%, FR TO TR GD INTER-OOLITIC POR SCAT IN 20%, PR FL SH CUT IN 10%, PR TO TR FR SLW STRM CUT IN 30%, NO LCH ON DSH, NO OIL ODOR

3360'-3361' LS- CRM TO LT TN TN DUE TO OIL STN SCAT IN 30%, W/ LIVE OIL STN IP, V HD DNS, MD-XLN RE-XLN MTRX, AB DT IMB SM TO MD OOLITES THRU, SCAT SFT WHT CHLK, TR PYR IP, SPTTD BRT YEL GLD FLO SCAT IN 30%, DUL YEL GLD FLO IN 15%, V PR TR INTER-OOLITIC POR IN 10%, NO FL SH CUT, TR V PR SLW STRM CUT IN 10%, NO LCH ON DSH, SULPHUR ODOR IN TRAY

3372'-3374' LS- CRM TO LT TN, W/ LIVE OIL STN IN 30%, V HD DNS TO BR TT, MD/F-XLN MTRX, S-SUCRO IP, SCAT IMB SM OOLITES, IMB SFT WHT CHLK IP, DUL YEL GLD FLO IN 60%, BRT YEL GLD FLO IN 20%, PR TO FR VUG POR IN 10%, PR MICRO VUG POR SCAT IN 5%, FR FL SH CUT IN 60%, FR SLW STRM CUT IN 50%, TN LCH ON DSH, FR OIL ODOR

LS- CRM BFF, V HD DNS TO TR BR TT IP, MD/F-XLN MTRX, S-SUCRO THRU, AB DT IMB SM CALC-XLS THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

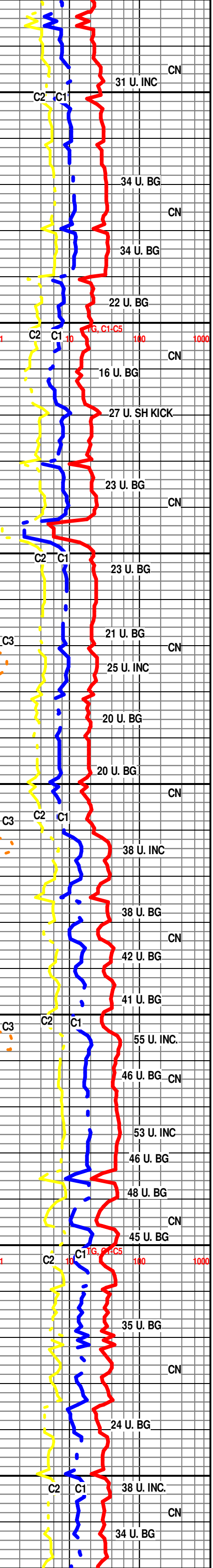
LANSING "H" 3413'-1428'

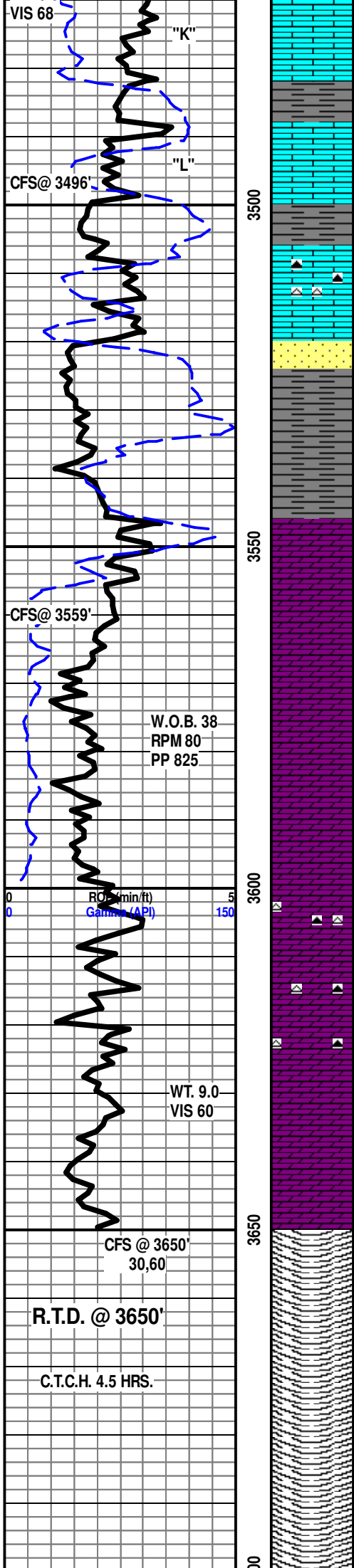
LS- CRM BFF TO LT TN, HD DNS TO BR TT IP, F/VF-XLN MTRX, S-SUCRO IP, TR SCAT SFT WHT CHLK IP, V DUL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

LS- OFF WHT TO CRM, HD DNS TO BR TT, MD/F-XLN MTRX, S-CHLKY, SCAT SFT WHT CHLK IP, TR PYR IP, SLI TR FREE CALC-XLS IP, DUL YEL FLO THRU, NO VIS POR, NO VIS CUT OR SHOW

LS- CRM BFF TO LT TN, V HD DNS, F/VF-XLN MTRX, S-SUCRO IP, SCAT WHT CHRT IN TRAY, TR IMB CALC-XLS IP, V DUL YEL FLO THRU, NO VIS POR, NO VIS CUT OR SHOW

LS- OFF WHT TO CRM, HD DNS TO TR BR TT IP, F/VF-XLN MTRX, S-CHLKY IP, SLI TR SFT WHT CHLK IP, TR IMB DISS PYR IP, NO VIS FLO, NO VIS POR, NO VIS SHOW





SH- RD TO GRN TO GY, SFT TO V GMMY IP, SPLNTY SMTH TXT

LS- LT TN TO TN, V HD DNS, F/VF-XLN MTRX, CRYPTO-XLN IP, SCAT MOTT CHRT IP, TR SCAT SFT WHT CHRT, NO VIS FLO, NO VIS POR, NO VIS SHOW

BKC 3499'-1514'

LS- CRM TO LT TN, V HD DNS, F/VF-XLN MTRX, S-SUCRO IP, SCAT MOTT CHRT THRU, V DUL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

3521'-3522' SS- FRSTY TO WHT, HD TT TO FRI, CRS TO MD S-ANG TO RND QTRZ GRNS, PR SRT, SIL CMNT, V DUL YEL GLD FLO IN 40%, NO FLO IN 60%, TR V PR INTER-GRN POR IN 5%, NO FLSH CUT, V PR SLW STRM CUT IN 20%, NO LCH ON DSH, NO OIL ODOR

ARBUCKLE 3546'-1561'

3547'-3549' DOLO- WHT TO OFF WHT, W/ TN OIL STN IN 40%, HD DNS TO BRTT IP, F-XLN RE-XLN MTRX, ABDT IMB SM TO MD S-ANG TO RND CLR QTRZ GRNS THRU, SCAT IMB SM S-RND DOLO GRNS, V DUL YEL GLD FLO IN 30%, NO FLO IN 70%, PR INTER-GRN POR IN 10%, PR FLSH CUT IN 20%, PR TO FR SLW STRM CUT IN 30%, V LT TN LCH ON DSH, FNT OIL ODOR

DOLO- WHT TO OFF WHT, V HD DNS TO SLI TR BRTT IP, F/XLN RE-XLN MTRX, S-CHLKY IP, ABDT IMB SM S-ANG DOLO GRNS THRU, SCAT IMB LG S-ANG DOLO GRNS THRU, TR V DUL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

DOLO- WHT TO OFF WHT, V HD DNS TO BRTT IP, F/VF-XLN, RE-XLN MTRX, ABDT IMB SM TO MD S-ANG TO RND DOLO GRNS THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

DOLO- WHT TO OFF WHT, HD DNS TO BRTT IP, MD/F-XLN, RE-XLN MTRX, ABDT IMB SM RND DOLO GRNS THRU, SCAT MOTT CHRT, V DUL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

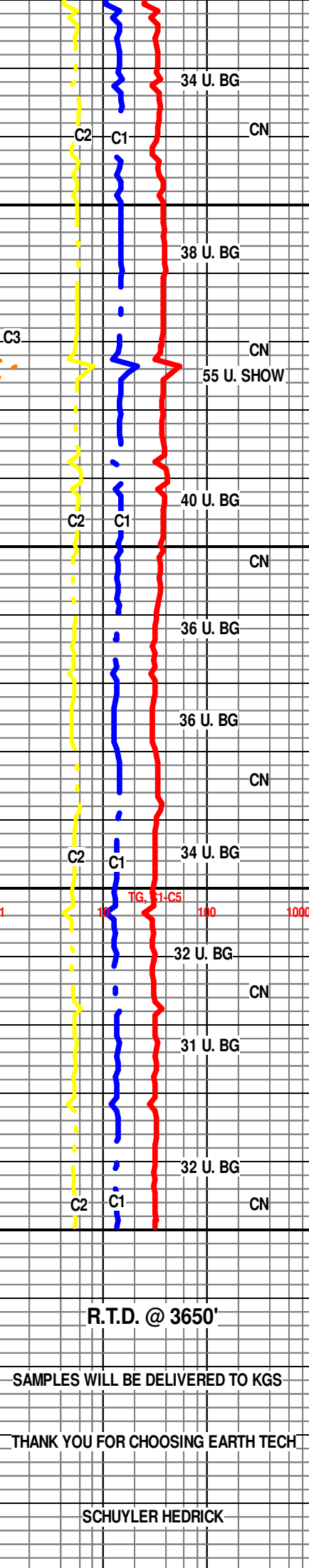
DOLO- WHT TO OFF WHT, HD DNS TO BRTT IP, MD/F-XLN, RE-XLN MTRX, ABDT IMB SM RND DOLO GRNS, SCAT IMB MD TO LG RND TO S-RND CLR QTRZ GRNS THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

R.T.D. @ 10:20 A.M. 5/09/12

DROP SURVEY

T.O.F.L. @ 3:00 P.M.

WEATHERFORD/ LIBERAL, KS



SAMPLES WILL BE DELIVERED TO KGS

THANK YOU FOR CHOOSING EARTH TECH

SCHUYLER HEDRICK