



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1086387
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: _____

1086387

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| 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: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
|---|--|

| 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 | WEGELE 1-32 |
| Doc ID | 1086387 |

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 03, 2012

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

Re: ACO1
API 15-167-23780-00-00
WEGELE 1-32
NE/4 Sec.32-15S-15W
Russell 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,
TOM FERTAL



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: 3/15/2012
 Invoice # 5462

P.O.#:
 Due Date: 4/14/2012
 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:
 WEGELE 1-32

Description of Work:
 LONG SURFACE JOB

RECEIVED

MAR 23 2012

SAMUEL GARY JR. & ASSOCIATES, INC.

MUDS COMP W/O LOE GG

| | |
|---------------|--------------------|
| Account | 8240.138 |
| Well/Prospect | |
| Deck | |
| AFE | <i>[Signature]</i> |
| Approval | |
| Description | |

| Services / Items Included: | Quantity | Price | Taxable | Item | Quantity | Price | Taxable |
|--|----------|-------------|---------|------|----------|-------|---------|
| Labor | | \$ 991.39 | No | | | | |
| Common-Class A | 275 | \$ 3,642.57 | Yes | | | | |
| Bulk Truck Matl-Material Service Charge | 291 | \$ 631.89 | No | | | | |
| Calcium Chloride | 10 | \$ 408.88 | Yes | | | | |
| 8 5/8" Basket | 1 | \$ 343.09 | Yes | | | | |
| Pump Truck Mileage-Job to Nearest Camp | 21 | \$ 227.54 | No | | | | |
| 8 5/8" Centralizer | 3 | \$ 208.46 | Yes | | | | |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 21 | \$ 133.15 | No | | | | |
| 8 5/8" Top Rubber Plug | 1 | \$ 115.09 | Yes | | | | |
| Premium Gel (Bentonite) | 6 | \$ 106.05 | Yes | | | | |
| Baffle Plate Aluminum, 8 5/8" | 1 | \$ 97.71 | Yes | | | | |

Invoice Terms:

Net 30

SubTotal: \$ 6,905.82
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,035.87)

| | |
|---------------------------------|--------------------|
| SubTotal for Taxable Items: | \$ 4,183.57 |
| SubTotal for Non-Taxable Items: | \$ 1,686.37 |
| Total: | \$ 5,869.94 |
| Tax: | \$ 347.24 |
| Amount Due: | \$ 6,217.18 |
| Applied Payments: | |
| Balance Due: | \$ 6,217.18 |

8.30% Russell County Sales Tax

Thank You For Your Business!

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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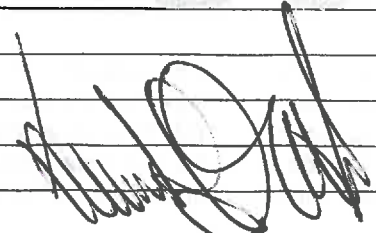
QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 5462

| | | | | | | | | | | | | | | | |
|---|-------------------------|----------|------------|-------|--|------------|--|--------|---------|-------|----|------------------|--|--------|-------|
| Date | 3-13-12 | Sec. | 32 | Twp. | 15 | Range | 15 | County | Russell | State | Ks | On Location | | Finish | 10:15 |
| Lease | Wegele | Well No. | 1-32 | | Location Gorham Rd + C.L. - 1N, 1/2 E, 5/8 Into | | | | | | | | | | |
| Contractor | Wal Energy #6 | | | | Owner | | | | | | | | | | |
| 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. | | 640' | | Charge To | | | | | | | | |
| Csg. | 8 5/8" | | Depth | | 640' | | Sam Gary Jr. + Associates | | | | | | | | |
| Tbg. Size | | | Depth | | Street | | | | | | | | | | |
| Tool | | | Depth | | City State | | | | | | | | | | |
| Cement Left in Csg. | 42.63' | | Shoe Joint | | 42.63' | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | |
| Meas Line | | | Displace | | Cement Amount Ordered 275 sq Common 3%cc | | | | | | | | | | |
| EQUIPMENT | | | | | | | | | | | | 2% Gel | | | |
| Pumptrk | 15 | No. | Cementer | Cisco | | Common 275 | | | | | | | | | |
| | | | Helper | | | | | | | | | | | | |
| Bulktrk | 13 | No. | Driver | Cory | | Poz. Mix | | | | | | | | | |
| | | | Driver | | | | | | | | | | | | |
| Bulktrk | p.u. | No. | Driver | Rick | | Gel. 6 | | | | | | | | | |
| | | | Driver | | | | | | | | | | | | |
| JOB SERVICES & REMARKS | | | | | | | | | | | | Calcium 10 | | | |
| Remarks: | Hulls | | | | | | | | | | | | | | |
| Rat Hole | Salt | | | | | | | | | | | | | | |
| Mouse Hole | Flowseal | | | | | | | | | | | | | | |
| Centralizers | 17, 13 | | Kol-Seal | | | | | | | | | | | | |
| Baskets | 6 | | Mud CLR 48 | | | | | | | | | | | | |
| D/V or Port Collar | CFL-117 or CD110 CAF 38 | | | | | | | | | | | | | | |
| Cement did Circulate. | | | | | | | | | | | | Sand | | | |
| | | | | | | | | | | | | Handling 291 | | | |
| | | | | | | | | | | | | Mileage | | | |
| FLOAT EQUIPMENT | | | | | | | | | | | | | | | |
| Guide Shoe | | | | | | | | | | | | | | | |
| Centralizer 3 | | | | | | | | | | | | | | | |
| Baskets 1 | | | | | | | | | | | | | | | |
| AFU Inserts | | | | | | | | | | | | | | | |
| Float Shoe | | | | | | | | | | | | | | | |
| Latch Down | | | | | | | | | | | | | | | |
| 1- Baffle plate | | | | | | | | | | | | | | | |
| 1- Rubber plug | | | | | | | | | | | | | | | |
| Pumptrk Charge | | | | | | | | | | | | Long Surface Job | | | |
| Mileage | | | | | | | | | | | | 31 | | | |
|  | | | | | | | | | | | | Tax | | | |
| | | | | | | | | | | | | Discount | | | |
| | | | | | | | | | | | | Total Charge | | | |

X Signature



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: 3/22/2012
 Invoice # 477
 P.O.#:
 Due Date: 4/21/2012
 Division: Russell

Invoice

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

RECEIVED

MAR 29 2012

**SAMUEL GARY JR.
 & ASSOCIATES, INC.**

Reference:
 WEGELE 1-32

Description of Work:
 PROD LONG STRING

DRLG COMP W/O LOE GG

| | |
|---------------|--------------------|
| Account | 8200.138 |
| Well/Prospect | |
| Deck | |
| AFB | <i>[Signature]</i> |
| Approval | |
| Description | |

Services / Items Included:

| Quantity | Price | Taxable | Item | Quantity | Price | Taxable |
|---|-------------|---------|--|----------|----------|---------|
| Labor | \$ 950.65 | No | Salt (Fine) | 19 | \$276.14 | Yes |
| Common-Class A | \$ 2,857.81 | Yes | Latch Down Plug & Baffle, 5 1/2" | 1 | \$233.21 | Yes |
| Gilsonite | \$ 1,650.66 | Yes | Pump Truck Mileage-Job to Nearest Camp | 21 | \$218.19 | No |
| CFL 117 | \$ 1,128.71 | Yes | Bulk Truck Mileage-Job to Nearest Bulk Plant | 21 | \$127.68 | No |
| 5 1/2" Basket | \$ 718.36 | Yes | Flo Seal | 56 | \$116.60 | Yes |
| Bulk Truck Matl-Material Service Charge | \$ 528.88 | No | KCL | 2 | \$62.17 | Yes |
| CD-110 | \$ 487.23 | Yes | | | | |
| 5 1/2" Turbolizer | \$ 483.07 | Yes | | | | |
| Mud Clear | \$ 385.21 | Yes | | | | |
| Defoamer A or CAF-38 | \$ 364.38 | Yes | | | | |
| Auto Fill Float Shoe, 5 1/2" | \$ 318.58 | Yes | | | | |

Invoice Terms:

Net 30

SubTotal: \$ 10,907.52
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,636.13)

SubTotal for Taxable Items: \$ 7,719.81
 SubTotal for Non-Taxable Items: \$ 1,551.59

8.30% Russell County Sales Tax

Total: \$ 9,271.39
 Tax: \$ 640.74
Amount Due: \$ 9,912.14
 Applied Payments:
Balance Due: \$ 9,912.14

Thank You For Your Business!

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. 477

| | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|----------|--------|-------|----|----------|------------|--------|---------|-------|----|---------------------------------|--|--------|------|--|-----------|--|--|--|
| Date | 3-19-12 | Sec. | 32 | Twp. | 15 | Range | 15 | County | Russell | State | KS | On Location | | Finish | 1:00 | | | | | |
| Lease | Wegeler | Well No. | 1-32 | | | Location | | | | | | Garham 13S 1E Sinto | | | | | | | | |
| Contractor | VAL Energy Rig Co | | | | | | Owner | | | | | | 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. | | | | | | | |
| Type Job | Longstring | | | | | | Charge To | | | | | | Sam Gary Jr. + Associates | | | | | | | |
| Hole Size | 7 7/8 | | | | | | T.D. | | | | | | 3590 | | | | | | | |
| Csg. | 5K | | | | | | Depth | | | | | | 3583 | | | | | | | |
| Tbg. Size | | | | | | | Depth | | | | | | | | | | | | | |
| Tool | | | | | | | Depth | | | | | | | | | | | | | |
| Cement Left in Csg | 42.21 | | | | | | Shoe Joint | | | | | | 42.21 | | | | | | | |
| Meas Line | | | | | | | Displace | | | | | | 844 BBL | | | | | | | |
| EQUIPMENT | | | | | | | | | | | | Cement Amount Ordered | | | | 225 Q-Prs G 10% Salt 5% Cement 3% CD110 8% CFL 117 25% CAF-38 | | | | |
| Pumptrk | 5 | No. | Cement | Steel | | Common | | | | | | 500 Gal Mud Clear 40 20 BBL KCL | | | | | | | | |
| Bulktrk | 14 | No. | Driver | Brian | | Poz. Mix | | | | | | | | | | | | | | |
| Bulktrk | | No. | Driver | Brian | | Gel. | | | | | | | | | | | | | | |
| JOB SERVICES & REMARKS | | | | | | | | | | | | Calcium | | | | CD 110 117# | | | | |
| Remarks: | | | | | | | | | | | | | HUMS | | | | KCL 2 gal | | | |
| Rat Hole | 30# | | | | | | | | | | | | Salt | | | | 19 | | | |
| Mouse Hole | 25# | | | | | | | | | | | | Flowseal | | | | 56# | | | |
| Centralizers | | | | | | | | | | | | | Kol-Seal | | | | 1057# | | | |
| Baskets | | | | | | | | | | | | | Mud CLR 48 | | | | 500 gal | | | |
| DV or Port Collar | Lift PSI 2 900# | | | | | | | | | | | | CFL-117 or CD110 CAF 38 | | | | 50# | | | |
| | Land plug @ 1500# | | | | | | | | | | | | Sand | | | | 176# | | | |
| | Float Head | | | | | | | | | | | | Handling | | | | 254 | | | |
| | | | | | | | | | | | | Mileage | | | | | | | | |
| | | | | | | | | | | | | FLOAT EQUIPMENT | | | | | | | | |
| | | | | | | | | | | | | Guide Shoe | | | | | | | | |
| | | | | | | | | | | | | Centralizer | | | | 8 Turbos | | | | |
| | | | | | | | | | | | | Baskets | | | | 3 | | | | |
| | | | | | | | | | | | | AFU Inserts | | | | | | | | |
| | | | | | | | | | | | | Float Shoe | | | | 1 | | | | |
| | | | | | | | | | | | | Latch Down | | | | 1 | | | | |
| | | | | | | | | | | | | Pumptrk Charge | | | | Prod Long String | | | | |
| | | | | | | | | | | | | Mileage | | | | 21 | | | | |
| | | | | | | | | | | | | Tax | | | | | | | | |
| | | | | | | | | | | | | Discount | | | | | | | | |
| | | | | | | | | | | | | Total Charge | | | | | | | | |
| X Signature  | | | | | | | | | | | | | | | | | | | | |

Thank you



DRILL STEM TEST REPORT

Prepared For: **Samuel Gary, Jr. & Associates, Inc.**

1515 Wynkoop Ste. #700
Denver, CO 80202

ATTN: Tom Fertal

Wegele #1-32

32-15s-15w Russell,KS

Start Date: 2012.03.16 @ 17:29:30

End Date: 2012.03.17 @ 01:13:00

Job Ticket #: 47204 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.03.26 @ 11:31:28



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary, Jr. & Associates, Inc.

32-15s-15w Russell, KS

1515 Wynkoop Ste. #700
Denver, CO 80202

Wegele #1-32

Job Ticket: 47204

DST#: 1

ATTN: Tom Fertal

Test Start: 2012.03.16 @ 17:29:30

GENERAL INFORMATION:

Formation: **LKC "A-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:00:20

Time Test Ended: 01:13:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 3144.00 ft (KB) To 3219.00 ft (KB) (TVD)

Reference Elevations: 1915.00 ft (KB)

Total Depth: 3219.00 ft (KB) (TVD)

1905.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8354 Inside

Press @ Run Depth: 77.20 psig @ 3148.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.16

End Date: 2012.03.17

Last Calib.: 2012.03.17

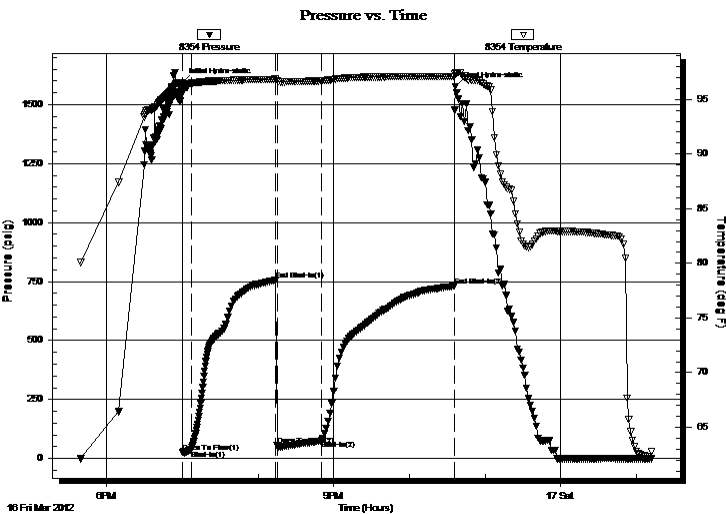
Start Time: 17:39:30

End Time: 01:13:00

Time On Btm: 2012.03.16 @ 19:00:10

Time Off Btm: 2012.03.16 @ 22:36:30

TEST COMMENT: IF-Strong building blow . BOB in 5 minutes 30 seconds.
ISI-No Return.
FF-Strong building blow . BOB in 35 seconds.
FSI-No Return. Times- 5-60-35-105



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1591.39 | 96.53 | Initial Hydro-static |
| 1 | 25.86 | 96.02 | Open To Flow (1) |
| 7 | 34.46 | 96.46 | Shut-In(1) |
| 74 | 754.60 | 96.84 | End Shut-In(1) |
| 75 | 54.23 | 96.70 | Open To Flow (2) |
| 111 | 77.20 | 96.69 | Shut-In(2) |
| 216 | 730.83 | 97.10 | End Shut-In(2) |
| 217 | 1577.00 | 97.46 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 135.00 | 20%Gas/20%Oil/60%Mud | 1.89 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary, Jr. & Associates, Inc.

32-15s-15w Russell, KS

1515 Wynkoop Ste. #700
Denver, CO 80202

Wegele #1-32

Job Ticket: 47204

DST#: 1

ATTN: Tom Fertal

Test Start: 2012.03.16 @ 17:29:30

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3136.00 ft | Diameter: 3.80 inches | Volume: 43.99 bbl | Tool Weight: 3000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: 26000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight to Pull Loose: 5000.00 lb |
| | | | <u>Total Volume: 43.99 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 22.00 ft | | | String Weight: Initial 45000.00 lb |
| Depth to Top Packer: | 3144.00 ft | | | Final 48000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 75.00 ft | | | |
| Tool Length: | 105.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |
| Tool Comments: | | | | |

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Recorder | 0.00 | 8653 | Fluid | 3114.00 | |
| Change Over Sub | 1.00 | | | 3115.00 | |
| Shut In Tool | 5.00 | | | 3120.00 | |
| Sampler | 2.00 | | | 3122.00 | |
| Hydraulic tool | 5.00 | | | 3127.00 | |
| Jars | 5.00 | | | 3132.00 | |
| Safety Joint | 3.00 | | | 3135.00 | |
| Packer | 5.00 | | | 3140.00 | 30.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 3144.00 | |
| Stubb | 1.00 | | | 3145.00 | |
| Perforations | 3.00 | | | 3148.00 | |
| Recorder | 0.00 | 8354 | Inside | 3148.00 | |
| Recorder | 0.00 | 8520 | Outside | 3148.00 | |
| Change Over Sub | 1.00 | | | 3149.00 | |
| Drill Pipe | 62.00 | | | 3211.00 | |
| Change Over Sub | 1.00 | | | 3212.00 | |
| Perforations | 4.00 | | | 3216.00 | |
| Bullnose | 3.00 | | | 3219.00 | 75.00 Bottom Packers & Anchor |

Total Tool Length: 105.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary, Jr. & Associates, Inc.

32-15s-15w Russell, KS

1515 Wynkoop Ste. #700
Denver, CO 80202

Wegele #1-32

Job Ticket: 47204

DST#: 1

ATTN: Tom Fertal

Test Start: 2012.03.16 @ 17:29:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 cm³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|----------------------|----------------|
| 135.00 | 20%Gas/20%Oil/60%Mud | 1.894 |

Total Length: 135.00 ft Total Volume: 1.894 bbl

Num Fluid Samples: 0

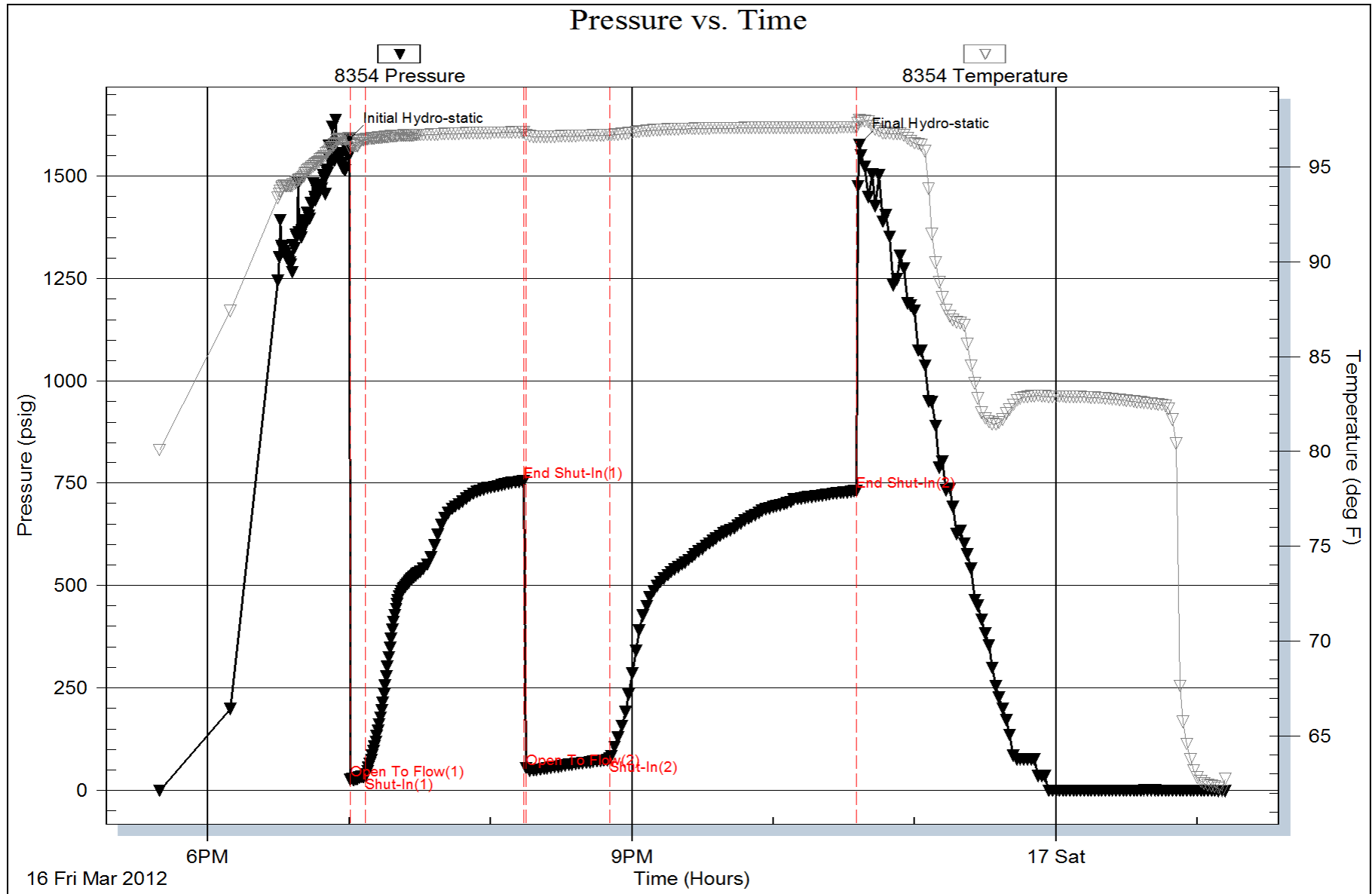
Num Gas Bombs: 0

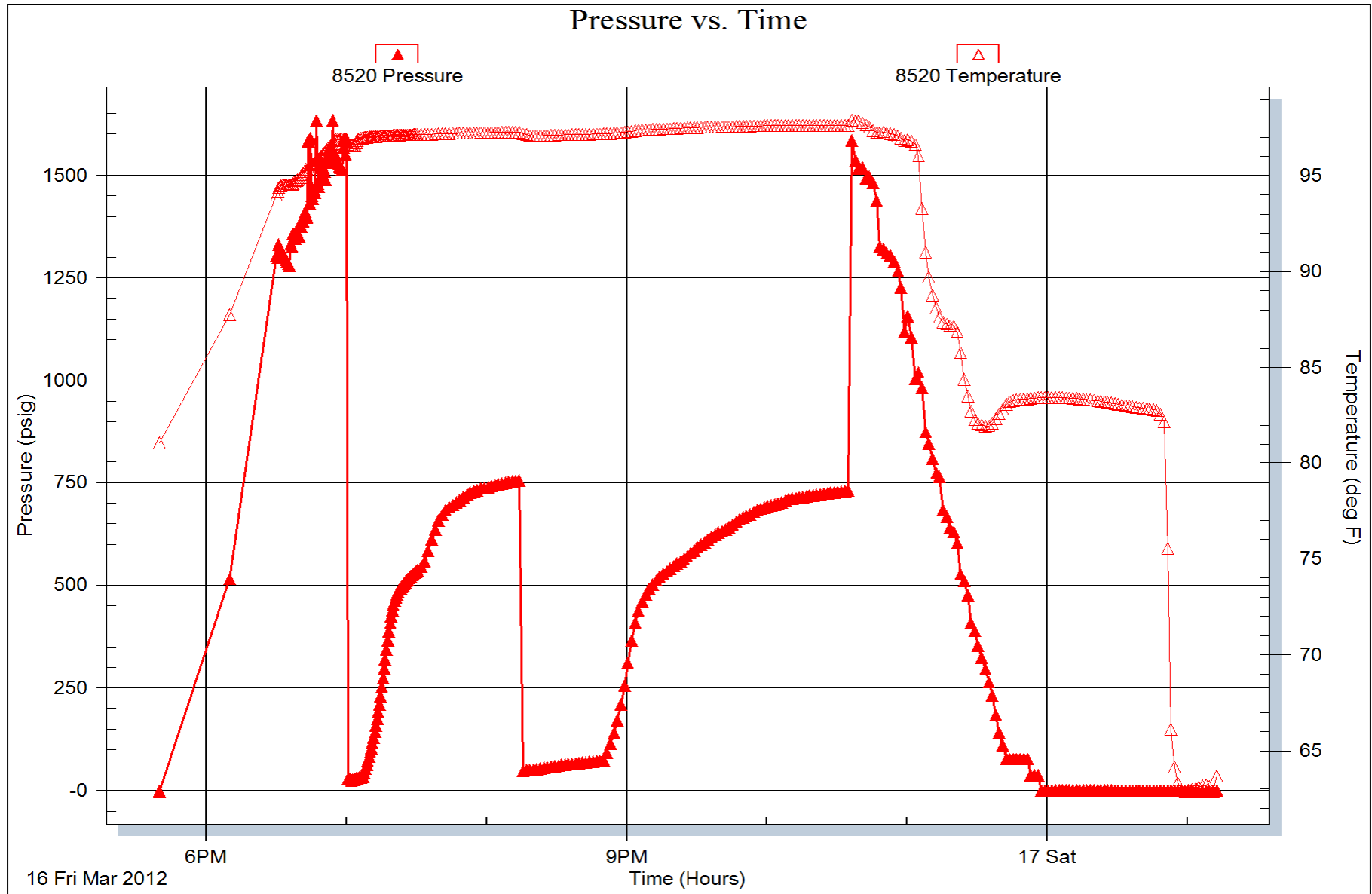
Serial #:

Laboratory Name:

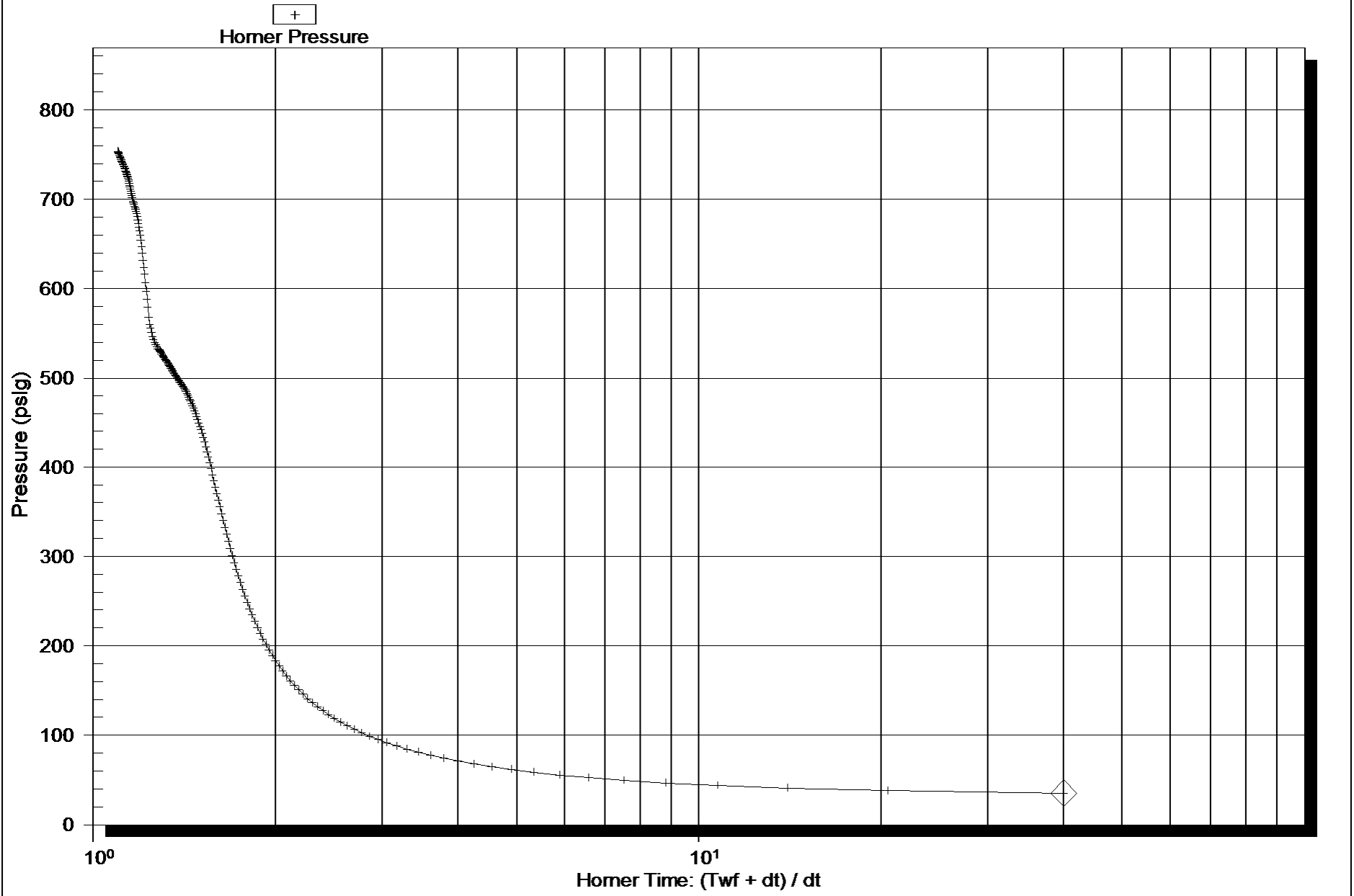
Laboratory Location:

Recovery Comments: Sampler- 4000 mL Total. 2500 mL-Oil. 500 mL-Mud. 1000 mL- Gas.
Oil Gravity- 25

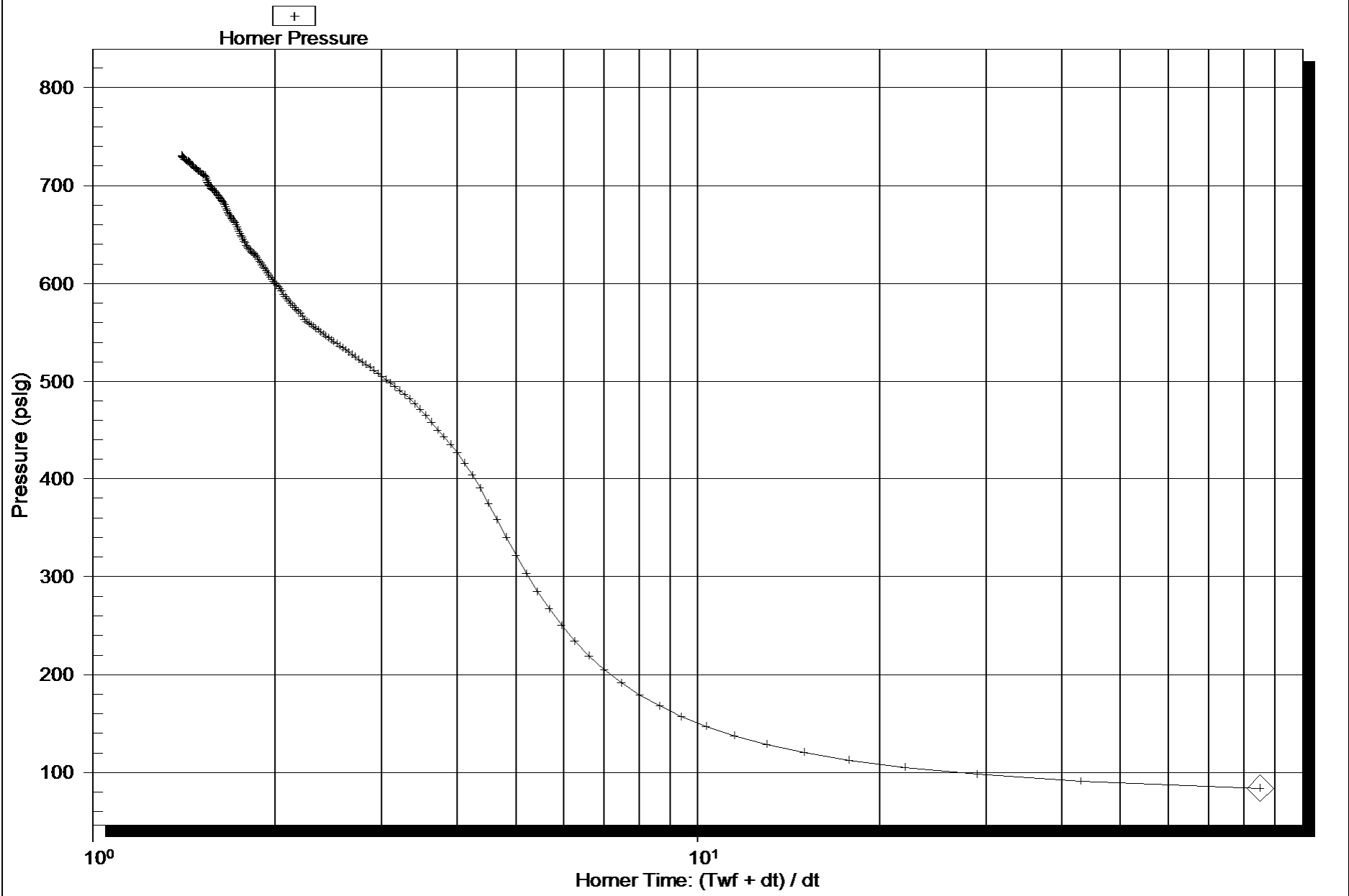




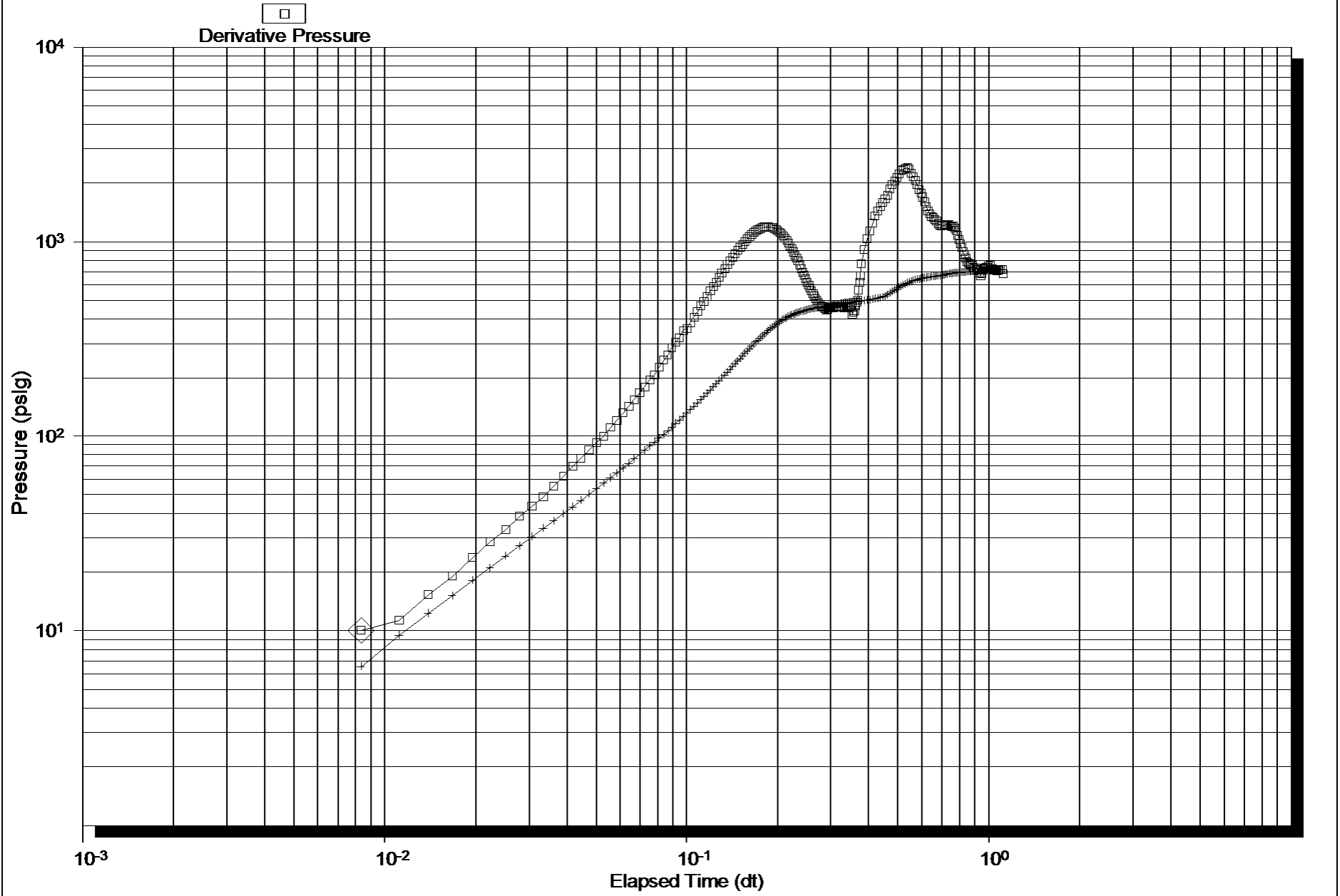
Horner Plot

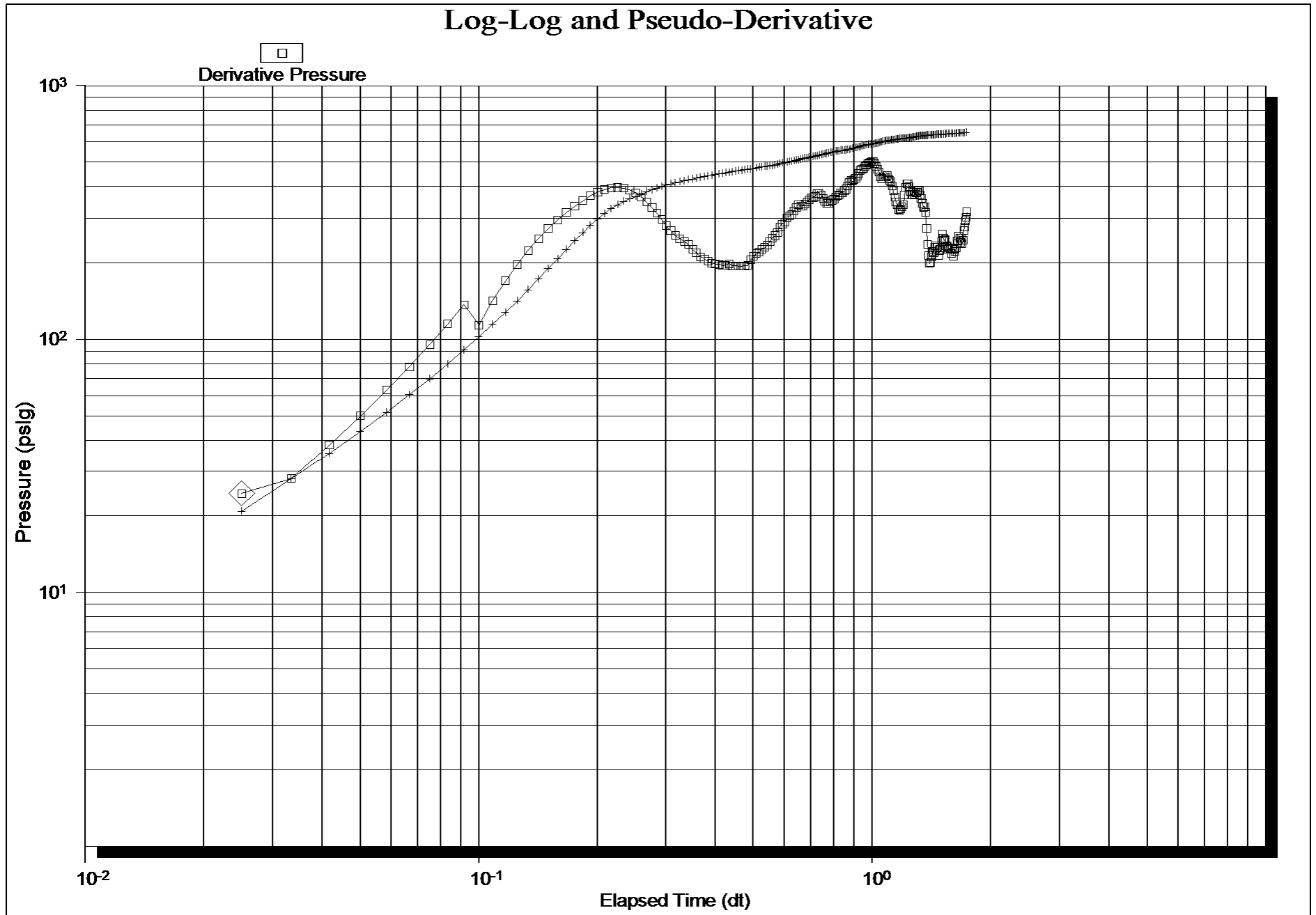


Horner Plot



Log-Log and Pseudo-Derivative







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

Well Name: SGA WEGELE 1-32
 Location: SEC. 32-15S-15W RUSSELL CO., KS
 License Number: 15-167-23780-0000
 Spud Date: 03/12/12
 Surface Coordinates: 1110' FNL/ 580' FEL
 Region: WILDCAT
 Drilling Completed: 3-18-12

Bottom Hole Coordinates:
 Ground Elevation (ft): 1905' K.B. Elevation (ft): 1915'
 Logged Interval (ft): 2600' To: 3590' Total Depth (ft): 3590'
 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/Aaron Suelter
 Company: Earth Tech OGL, Inc.
 Address: PO Box 683
 Hooker, Okla . 73945
 Off. 888-543-8378

DST's Report

DST#1 3144'-3219' 5-60-35-105
 IF-STRNG BLDNG BLW, BOB IN 5 MINS 30 SEC, ISI-NO RETURN, FF-STRNG BLDING BLW, BOB IN 35 SEC
 IH-1591, FH-1577/ IF-26-34, FF-54-77/ISI-755, FSI-731
 REC TT 135'/ 135' OF GOCM 20% GAS, 20% OIL, 60% MUD/BHT-97, GRAV-25/CLOR/4600

ROCK TYPES

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

ACCESSORIES

| | | | |
|----------------|---------------|-----------------|----------------|
| MINERAL | Salt | Fossil | Clystn |
| Anhy | Sandy | Gastro | Dol |
| Arggrn | Silt | Oolite | Grysh |
| Arg | Sil | Ostra | Gryslt |
| Bent | Sulphur | Pelec | Lms |
| Bit | Tuff | Pellet | Sandylms |
| Brecfrag | Chlorite | Pisolite | Sh |
| Calc | Dol | Plant | Sltstn |
| Carb | Sand | Strom | |
| Chtdk | Sltly | Fuss | |
| Chtlt | | Oomold | |
| Dol | FOSSIL | STRINGER | TEXTURE |
| Feldspar | Algae | Anhy | Boundst |
| Ferrpel | Amph | Arg | Chalky |
| Ferr | Belm | Bent | Cryxln |
| Glau | Bioclst | Coal | Earthy |
| Gyp | Brach | Dol | Finexln |
| Hvymin | Bryozoa | Gyp | Grainst |
| Kaol | Cephal | Ls | Lithogr |
| Marl | Coral | Mrst | Microxln |
| Minxl | Crin | Sltstrg | Mudst |
| Nodule | Echin | Ssstrg | Packst |
| Phos | Fish | Carbsh | Wackest |
| Pyr | Foram | | |

OTHER SYMBOLS

POROSITY TYPE

- E Earthy
- B Fenest
- F Fracture
- X Inter
- A Moldic
- O Organic
- P Pinpoint
- V Vuggy

SORTING

- W Well
- M Moderate
- P Poor

ROUNDING

- R Rounded
- S Subrnd
- a Subang

- A Angular

OIL SHOWS

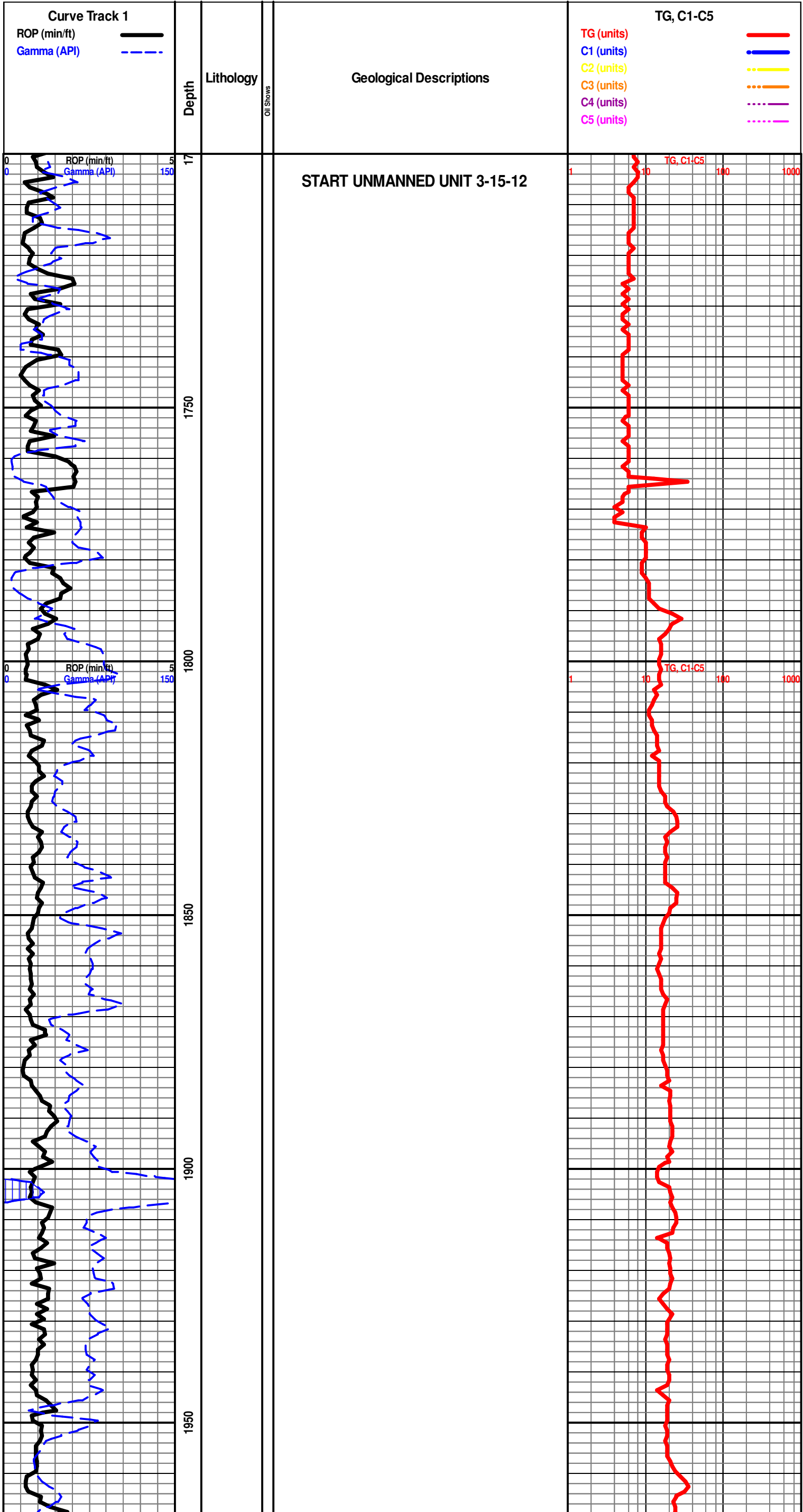
- E Even
- S Spotted
- Q Ques
- D Dead
- G Gas show

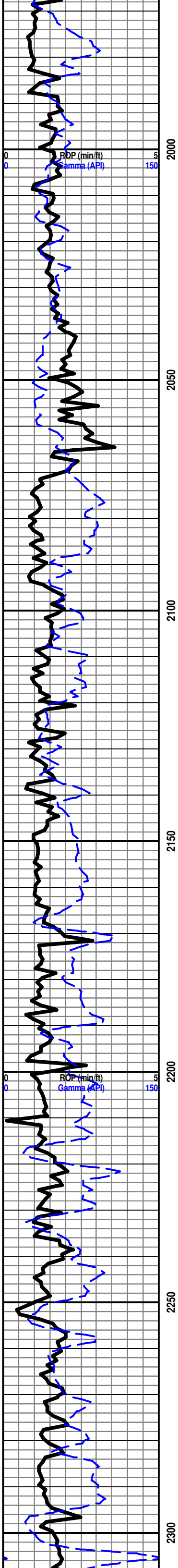
INTERVALS

- Core
- Dst
- Dst

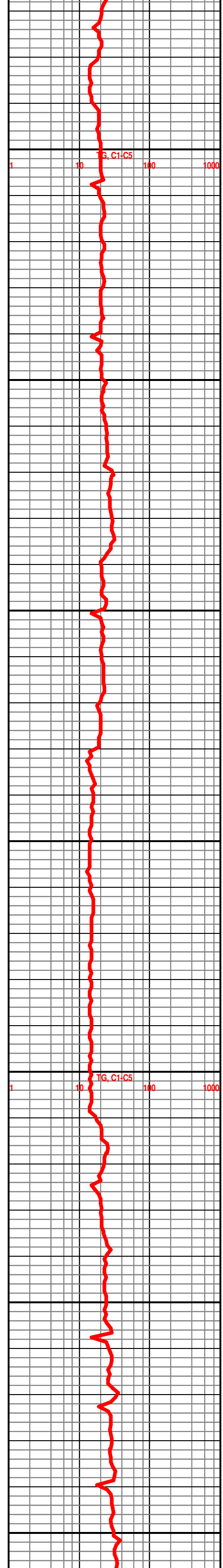
EVENTS

- Rft
- Sidewall

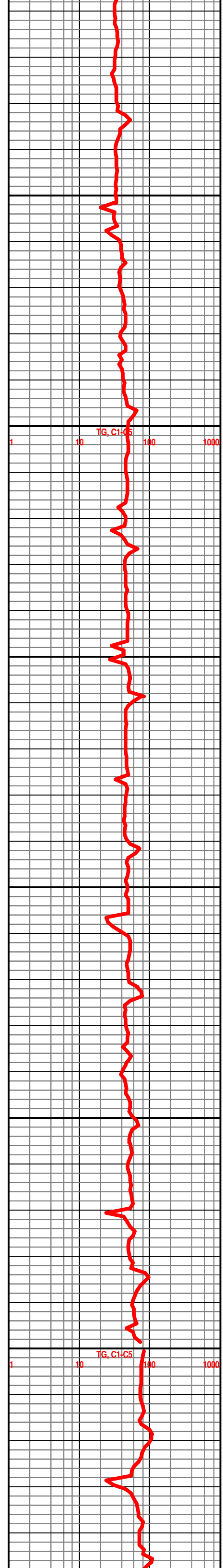
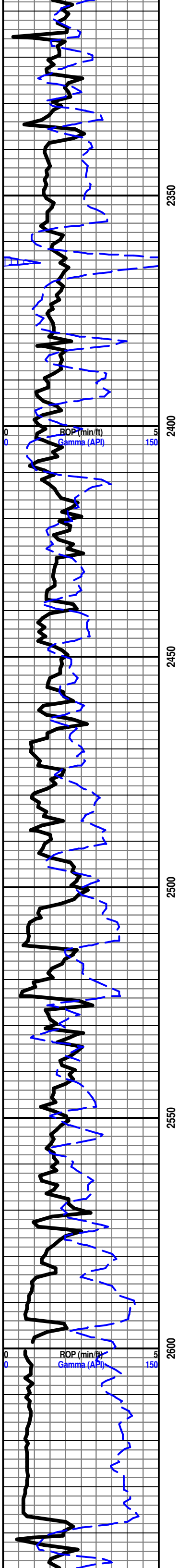




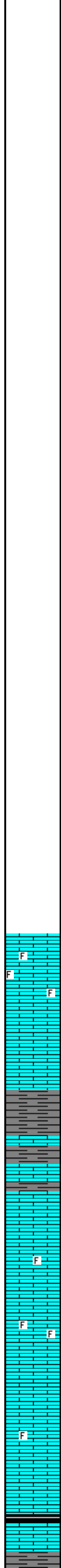
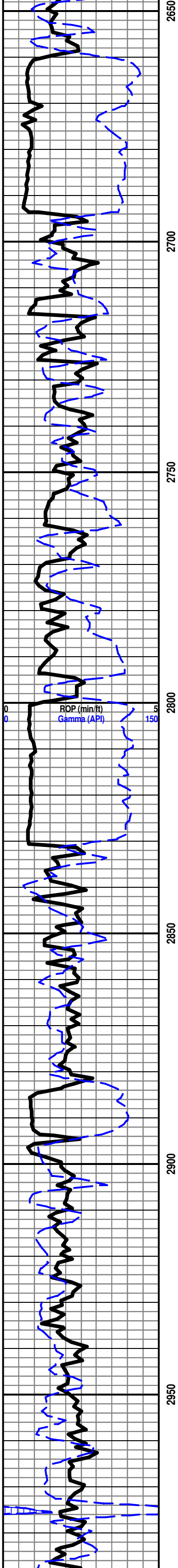
2000 2050 2100 2150 2200 2250 2300



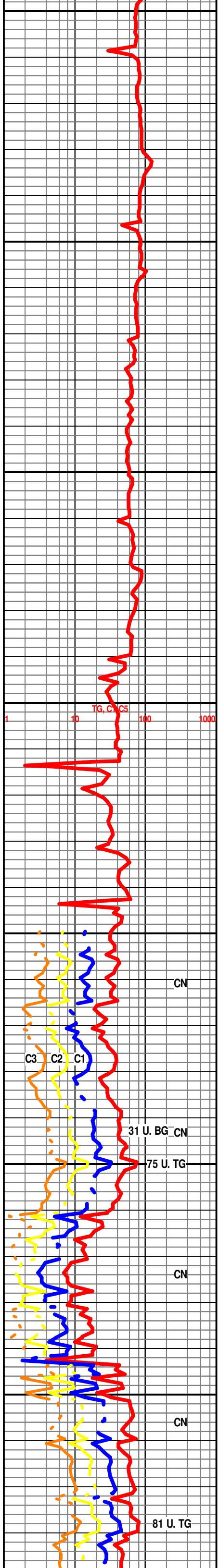
1 10 100 1000



BRS 2636'-721'



HOWARD 2830'-915'
START 24 HR. MANNED UNIT 3/15/12
 LS-CRM LT TN TO TN, HD DNS TO BRITT IP, MD/F- XLN TRC RE-XLN S-SUCRO IP, SCAT IMBD FOSS FRG THRU, SLT TRC FRE FOSS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW
 LS- OFF WHT CRM BUFF, V/HD DNS TO TRC BRITT IP, F/V/F XLN MTRX, TRC RE-XLN, SLT TRC SM CALC XLS IP, V/ DULL YEL MIN FLO IP, NO VIS POR, NO VIS SHOW
SEVERY 2882'-967'
 SH- LT GY TO GY/GRN IP, FRM/V/SFT GMMY IP, SMTH SPLNT TXT
TOPEKA 2898'-983'
 LS-OFF WHT/CRM, V/HD TO BRITT IP, F-XLN MTRX, S-CHLKY IP, SFT WHT CHLK IP, DULL YEL FLO THRU, NO VIS POR, NO VIS SHOW
 LS-LT TN/LT GY MOTT, DNS/BRITT, MD XLN RE-XLN MTRX, S-CHLKY IP, ABDT SFT GMMY WHT CHLK, TRC IMBD FOSS FRG IP, DULL YEL FLO THRU, NO VIS POR, NO VIS SHOW
 LS-LT TN TO TN, HD TO BRITT IP, V/F-XLN MTRX, S-CHLKY IP, TRC IMBD FOSS FRG IP, TRC WHT CHRT IP, NO FLO, NO VIS POR, NO VIS SHOW
 SH-BLK SFT CARB



LE COMPTON 2997'-1082'

LS-OFF WHT TO CRM, HD DNS TO V/ BRITT, MD XLN MTRX, S-SUCRO THRU, SCAT IMBD CALC XLS, SLT TRC FOSS IP, DULL YEL FLO IP, SLT TRC V/PR INTR-XLN POR IP, NO VIS CUT, NO VIS SHOW

SH-LT GY TO GY, V/ FRM TO SFT IP, SMTH BLKY TXT

SH-LT GY TO GY IP, V/ SFT TO GMMY IP, SLTY BLKY TXT

LS-OFF WHT TO CRM, HD DNS TO BRITT, MD TO F-XLN MTRX, S-CHLKY IP, SCAT IMBD FOSS FRGS THRU, SCAT FRE FOSS IP, DULL YEL FLO IP, NO VIS POR, NO VIS SHOW

3080'-3082' LS-OFF WHT TO CRM, W/ LIVE OIL STN IN 10%, HD DNS TO BRITT, MD TO F-XLN, S-CHLKY THRU, ABDT SFT GMMY CHLK THRU, NO FLO, TRC V/ PR MICRO VUG POR IN 10%, TRC V/ PR INTR XLN POR IN 10%, POSS FRCT POR, PR FLSH CUT IN 30% PR TO FR SLW STRM CUT IN 10%, V/ LT TN LCH ON DISH, FNT OIL ODOR

HEEBNER 3119'-1204'

SH- BLK SFT CARB

LS-CRM TO LT TN, HD DNS TO BRITT, MD TO F-XLN, S-SUCRO IP, IMBD SML CALC XLS IP, V/ DULL YEL FLO, SLT TRC V/P INTR XLN POR IP, NO VIS CUT, NO VIS SHOW

DOUGLAS 3154'-1239'

SH-LT GRN TO LT GY, FRM TO V/SFT GMMY IP, SMTH TXT

LANSING 3175'-1260'

3178'-3180' LS- LT TN TO TN GRY IP, LIVE OIL STN IN 30%, V HD TO BRTT IP, F-XLN TO MD-XLN IP, RE-XLN IP, S-SUCRO THRU, S-CHLKY IP, IMB CALC-XLS IN 30%, V DUL YEL GLD FLO IN 40%, FR TO GD INTER-XLN POR IN 30%, TR PR MICRO-VUG POR IN 10%, TR FR VUG POR IN 10%, GD FLSH CUT IN 30%, FR SLW STRM CUT IN 10%, FR OIL ODOR, LT TN LCH ON DSH

LANSING "C" 3196'-1281'

3196'-3198' LS- TN TO DK TN, W/ DK TN OIL STN IN 80%, HD TO V BRTT, MD-XLN, V SUCRO MTRX, DUL YEL GLD FLO IN 70%, BRT YEL GLD FLO IN 20%, FR TO GD SCAT MICRO-VUG POR IN 50%, TR GD VUG POR IN 20%, GD FLSH CUT IN 80%, GD SLW STRM CUT IN 70%, GD OIL ODOR, TN LCH ON DSH

3200'-3203' LS- LT TN TO TN, W/ DK TN OIL STN IN 70%, HD TO V BRTT THRU, V RE-XLN MTRX, S-SUCRO IP, ABDT IMB OOLLITES THRU, V OOLITV THRU, DUL YEL GLD FLO IN 60%, BRT YEL GLD FLO IN 30%, FR TO GD INTER-OOL POR THRU, TR PR TO SLI TR FR VUG POR IN IP, V GD FLSH CUT IN 60%, GD SLW STRM CUT IN 60%, GD OIL ODOR, TN LCH ON DSH

LANSING "F" 3246'-1331'

3247'-3248' LS-OFF WHT CRM TO LT TN DUE TO OIL STN IN 15%, V/HD TO VBRITT IP, MD XLN RE-XLN MTRX, S-SUCRO THRU, S-CHLKY IP, SCT IMBD FOSS FRGS IN IP, SCT IMBD SML CALC XLS IP, IMBD LAMNT SH IP, BRT YEL GLD FLO IN 30% DUL YEL FLO IN 10%, PR SCT MICRO VUG POR IN 20% TRC PR VUG POR IN 10%, FR FLSH CUT IN 20% FR SLW STRM CUT IN 30%, FR OIL ODOR, NO VIS LCH ON DISH

LS-WHT TO CRM, SFT TO V/GMMY, CHLKY MTRX, ABDT SFT WHT CHLK THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

3267'-3268' LS-OFF WHT TO CRM W/ LT TN OIL STN IP, V/HD TO BRITT IP, MD XLN MTRX, S-CHLKY IP, TRC S-SUCRO IP, V/ OOL-MOLDIC THRU, DULL YEL FLO IN 30% DUL YEL GLD FLO IN 10%, V/GD OOL-MLDIC POR IN 80%, PR TO TRC FR FLSH CUT IN 10% FR TO TRC GD SLW STRM CUT IN 10%, NO LCH ON DISH, FNT SULFUR ODOR

LS-CRM BUFF TO LT TN, V/HD DNS TO BRITT IP, MD TO F-XLN MTRX, SLT TRC RE-XLN, S-CHLKY IP, SFT TO GMMY WHT CHLK THRU TRAY, DULL YEL FLO IP, NO VIS POR, NO VIS SHOW

LANSING "H" 3312'-1397'

LS-LT TN TO TN, DNS TO V/ BRITT, V/ RE-XLN MTRX, S-CHLKY IP, ABDT IMBD FOSS THRU, SLT TRC SFT WHT CHLK IP, V/FOSS THRU, TRC FRE FOSS IP, YEL FLO IP, NO VIS POR, NO VIS CUT, NO VIS SHOW

