

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1258074
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: _____

1258074

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: 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: _____ _____ |
|--|--|---|

ALLIED OIL & GAS SERVICES, LLC 063855

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Dublin, Ky

| | | | | | | | |
|---|----------------|--------------------|-----------------|--|-------------|---------------------------|---------------------------|
| DATE <u>3/25/15</u> | SEC. <u>10</u> | TWP. <u>2</u> | RANGE <u>36</u> | CALLED OUT | ON LOCATION | JOB START <u>12:30 AM</u> | JOB FINISH <u>1:00 AM</u> |
| LEASE <u>McCoy</u> | | WELL # <u>2-10</u> | | LOCATION <u>McDonald W to RL (CL) N to</u> | | COUNTY <u>Harrison</u> | STATE <u>KY</u> |
| OLD OPERATOR (Circle one) <u>ADY E-S-47-10</u> | | | | | | | |

CONTRACTOR Martin 8 OWNER Same

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 382 CEMENT AMOUNT ORDERED 280 Cum 3" MC
 CASING SIZE 8 5/8 DEPTH 382

TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 1825 ML 460

EQUIPMENT

| | |
|---|---|
| PUMP TRUCK CEMENTER <u>Alan Ryan</u> | COMMON <u>280 5K @ 12.90</u> <u>5012.00</u> |
| # <u>495-281</u> HELPER <u>Kevin Ryan</u> | POZMIX @ _____ |
| BULK TRUCK | GEL @ _____ |
| # <u>373</u> DRIVER <u>Jaaren Racette</u> | CHLORIDE <u>790 16 @ 1.00</u> <u>869.00</u> |
| BULK TRUCK | ASC @ _____ |
| # _____ DRIVER _____ | ASC @ _____ |

Material total @ _____ 5,881.00
 (2800.88 / 48%)
 HANDLING 295.64 @ 2.10 733.18
 MILEAGE 25 mi/mile 13,555 Ton 1304.65

REMARKS:
Run Cym Circulate Max Cement Displace Cement Section
Cement Prod Circulate
Thank you Alan, Kevin, Jaaren

CHARGE TO: Sam Gary
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____

SERVICE

| | |
|---|--|
| DEPTH OF JOB <u>304</u> | PUMP TRUCK CHARGE <u>1512.00</u> |
| EXTRA FOOTAGE @ _____ | MILEAGE <u>35 @ 7.70</u> <u>269.50</u> |
| MANIFOLD <u>35 @ 4.10</u> <u>143.50</u> | |

TOTAL 4,248.58
 (2039.31 / 48%)

PLUG & FLOAT EQUIPMENT

| |
|---------------|
| _____ @ _____ |
| _____ @ _____ |
| _____ @ _____ |
| _____ @ _____ |
| _____ @ _____ |

TOTAL _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Traavis Martin
 SIGNATURE Traavis W. Martin

SALES TAX (If Any) _____
 TOTAL CHARGES 10,129.58
 DISCOUNT 4862.19 (48%) IF PAID IN 30 DAYS
Bid. 5267.38 Net.

| | | | | | |
|---|----------------------------|------------------------|----------------------|------------------------------------|--------------------|
| Customer <i>Samuel Fordy Sr. 185</i> | | Lease No. | | Date <i>04-03-15</i> | |
| Lease <i>KROEGER Trust</i> | | Well # <i>2-6</i> | | | |
| Field Order # <i>124</i> | Station <i>PRA # KI</i> | Casing <i>5 1/2</i> | Depth <i>4846</i> | County <i>RAWLINS</i> | State <i>KS</i> |
| Type Job <i>CNW 5 1/2 Comp Stng</i> | | | Formation | Legal Description <i>6-2-36</i> | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|--------------------------------|--------------|------------------|----|------------|------------|------------------|------------------|--|
| Casing Size | Tubing Size | Shots/Ft | | Acid | RATE | PRESS | ISIP | |
| <i>5 1/2</i> | | | | Pre Pad | Max | | 5 Min. | |
| Depth <i>4846</i> | Depth | From | To | Pad | Min | | 10 Min. | |
| Volume <i>114.9</i> | Volume | From | To | Frac | Avg | | 15 Min. | |
| Max Press <i>2500</i> | Max Press | From | To | | HHP Used | | Annulus Pressure | |
| Well Connection <i>P.C.</i> | Annulus Vol. | From | To | Flush | Gas Volume | | Total Load | |
| Plug Depth <i>4803</i> | Packer Depth | From | To | | | | | |

| | | |
|-------------------------|--------------------------------------|----------------------------------|
| Customer Representative | Station Manager <i>DAVE Scott</i> | Treater <i>Robert Jullian</i> |
|-------------------------|--------------------------------------|----------------------------------|

| | | | | | | | | | | | |
|---------------|-----------------|---------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|--|--|
| Service Units | <i>37700</i> | <i>78992</i> | <i>86779</i> | <i>19960</i> | <i>19867</i> | <i>30463</i> | <i>19566</i> | <i>27808</i> | <i>37725</i> | | |
| Driver Names | <i>Callahan</i> | <i>McGraw</i> | <i>Barby</i> | | | <i>McVicker</i> | <i>ZA</i> | <i>171</i> | <i>PS74</i> | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------------|-----------------|-----------------|--------------|------------|--|
| <i>2:30</i> | | | | | <i>on loc</i> |
| | | | | | <i>Run 5 1/2 csg. 15.5 #</i> |
| <i>6:00</i> | | | | | <i>casing on bottom</i> |
| <i>6:10</i> | | | | | <i>hook rig circ</i> |
| <i>7:10</i> | | | <i>20</i> | <i>3.5</i> | <i>dump 2000 KCL 4%</i> |
| | | | <i>12</i> | | <i>mon tube</i> |
| | | | <i>3</i> | | <i>spoon</i> |
| | <i>300</i> | | <i>209</i> | <i>5.</i> | <i>mix 425 sk A-conc @ 11.6ppg</i> |
| | | | <i>55</i> | <i>4.5</i> | <i>mix 200 sk HA-2 conc @ 12.8ppg</i> |
| | | | | | <i>cont mixed shut down wash pump, lower</i> |
| | | | | | <i>Release Plug</i> |
| <i>8:28</i> | | | | <i>4</i> | <i>St Disp</i> |
| | <i>650</i> | | <i>65</i> | | <i>lift</i> |
| | | | | | <i>cont to surface NO</i> |
| | <i>1,050</i> | | | <i>4</i> | <i>Slow Rate</i> |
| <i>9:00</i> | <i>2,300</i> | | <i>114.8</i> | | <i>Plug lower</i> |
| | | | <i>7</i> | | <i>plug R/W of 300 sk A-conc</i> |
| | | | <i>7</i> | | <i>plug W/W of 200 sk</i> |
| | | | | | <i>SOB complete</i> |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

SGA
1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

6-2S-36W Rawlins KS

Krueger Trust #2-6

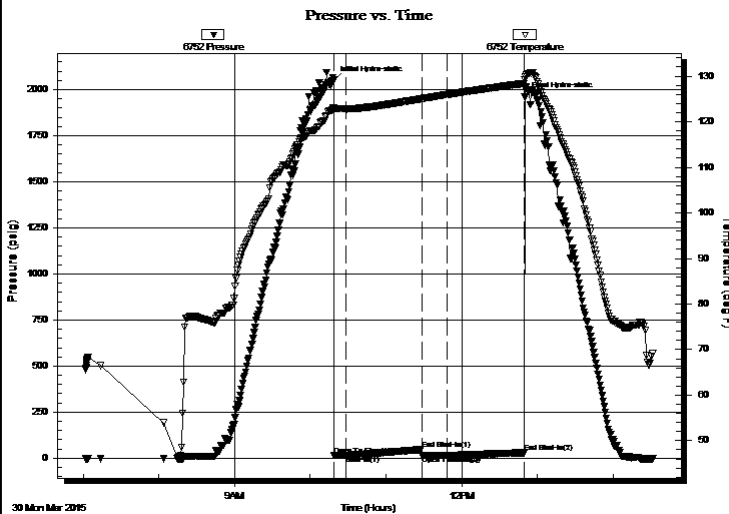
Job Ticket: 62316 **DST#: 1**
Test Start: 2015.03.30 @ 07:02:00

GENERAL INFORMATION:

Formation: **LKC " A "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:18:40
Time Test Ended: 14:31:50
Interval: **4270.00 ft (KB) To 4298.00 ft (KB) (TVD)**
Total Depth: 4298.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Ryan Nichols
Unit No: 78
Reference Elevations: 3332.00 ft (KB)
3327.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6752 Inside
Press@RunDepth: 15.90 psig @ 4275.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.30 End Date: 2015.03.30 Last Calib.: 2015.03.30
Start Time: 07:02:01 End Time: 14:31:50 Time On Btm: 2015.03.30 @ 10:18:30
Time Off Btm: 2015.03.30 @ 12:50:00

TEST COMMENT: 10 IF - Surface blow built to 1/4"
60 ISI - No return
20 FF - Surface blow
60 FSI - No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2050.40 | 123.08 | Initial Hydro-static |
| 1 | 14.31 | 122.41 | Open To Flow (1) |
| 10 | 15.12 | 122.80 | Shut-In(1) |
| 70 | 47.55 | 125.03 | End Shut-In(1) |
| 70 | 15.76 | 125.04 | Open To Flow (2) |
| 90 | 15.90 | 125.95 | Shut-In(2) |
| 152 | 29.70 | 128.43 | End Shut-In(2) |
| 152 | 1959.78 | 129.32 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------|--------------|
| 5.00 | Mud w / oil spots 100%M | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

SGA
1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

6-2S-36W Rawlins KS
Krueger Trust #2-6
Job Ticket: 62316 **DST#: 1**
Test Start: 2015.03.30 @ 07:02:00

Mud and Cushion Information

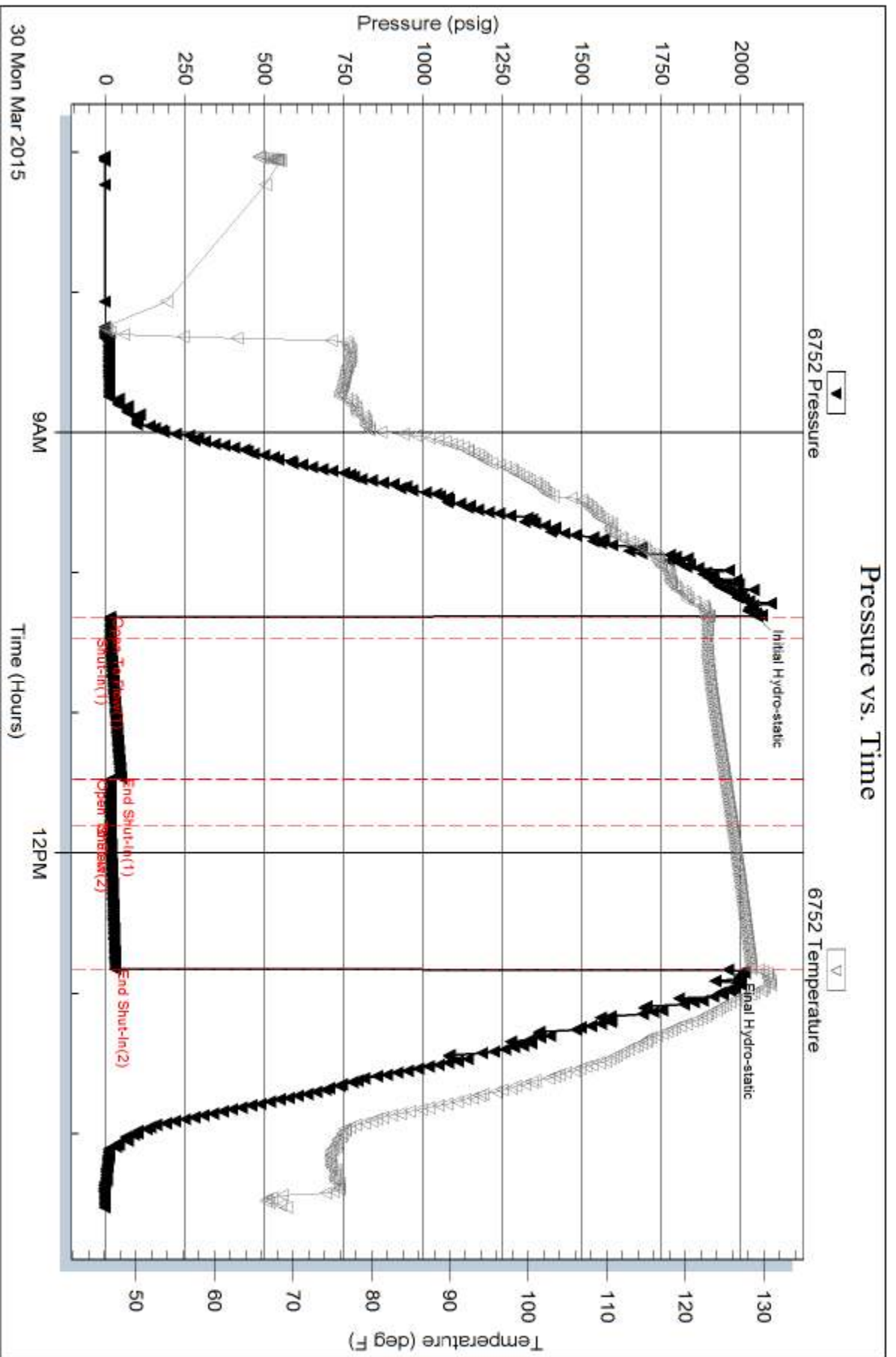
| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 57.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 6.40 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 800.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------------|---------------|
| 5.00 | Mud w / oil spots 100%M | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

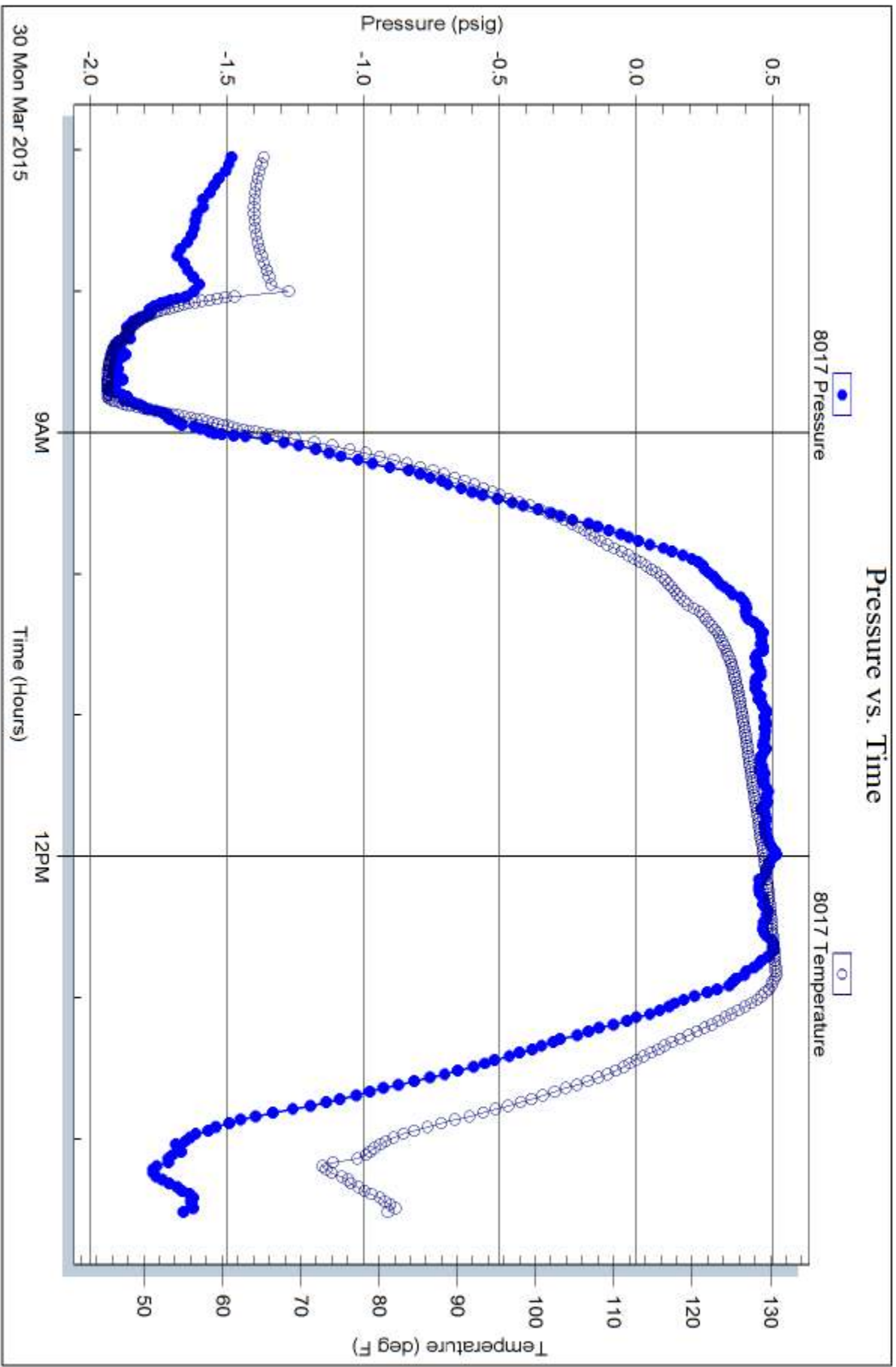


Serial #: 8017

Fluid SGA

Krueger Trust #2-6

DST Test Number: 1



30 Mon Mar 2015

9AM

Time (Hours)

12PM



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

SGA
1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

6-2S-36W Rawlins KS

Krueger Trust #2-6

Job Ticket: 62317 **DST#: 2**
Test Start: 2015.03.30 @ 23:40:00

GENERAL INFORMATION:

Formation: **LKC " D "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 02:41:10 Tester: Ryan Nichols
Time Test Ended: 08:42:10 Unit No: 78
Interval: 4332.00 ft (KB) To 4360.00 ft (KB) (TVD) Reference Elevations: 3332.00 ft (KB)
Total Depth: 4360.00 ft (KB) (TVD) 3327.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

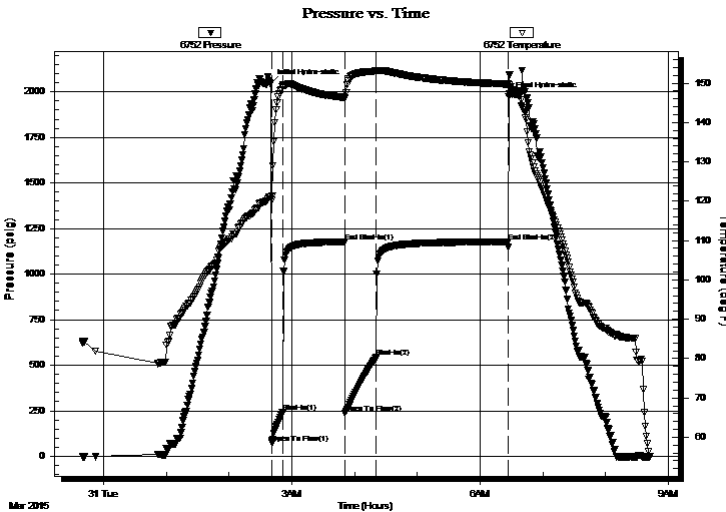
Serial #: 6752

Inside

Press@RunDepth: 542.39 psig @ 4337.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.30 End Date: 2015.03.31 Last Calib.: 2015.03.31
Start Time: 23:40:01 End Time: 08:42:10 Time On Btm: 2015.03.31 @ 02:40:00
Time Off Btm: 2015.03.31 @ 06:27:20

TEST COMMENT: 10 IF - 1" blow built to BoB @ 3 mins
60 ISI - Surface blow started @ 6 mins built to 1/2"
30 FF - 1/2" blow built to BoB @ 4mins
120 FSI - Surface blow started @ 11 mins died @ 73 mins

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2045.75 | 121.18 | Initial Hydro-static |
| 2 | 73.70 | 121.24 | Open To Flow (1) |
| 12 | 242.76 | 149.32 | Shut-In(1) |
| 71 | 1177.72 | 146.40 | End Shut-In(1) |
| 71 | 237.77 | 146.04 | Open To Flow (2) |
| 101 | 542.39 | 153.07 | Shut-In(2) |
| 227 | 1177.02 | 149.77 | End Shut-In(2) |
| 228 | 1972.64 | 149.56 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 63.00 | MCW - 30%M - 70%W | 0.31 |
| 753.00 | MCW - 3%M - 97%W | 9.44 |
| 252.00 | OSMCW - Oil spots - 25%M - 75%W | 3.53 |
| 126.00 | OWCM - 2%o - 38%W - 60%M | 1.77 |
| 45.00 | OWCM - 5%o - 40%W - 55%M | 0.63 |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

SGA
1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

6-2S-36W Rawlins KS
Krueger Trust #2-6
Job Ticket: 62317 **DST#: 2**
Test Start: 2015.03.30 @ 23:40:00

Mud and Cushion Information

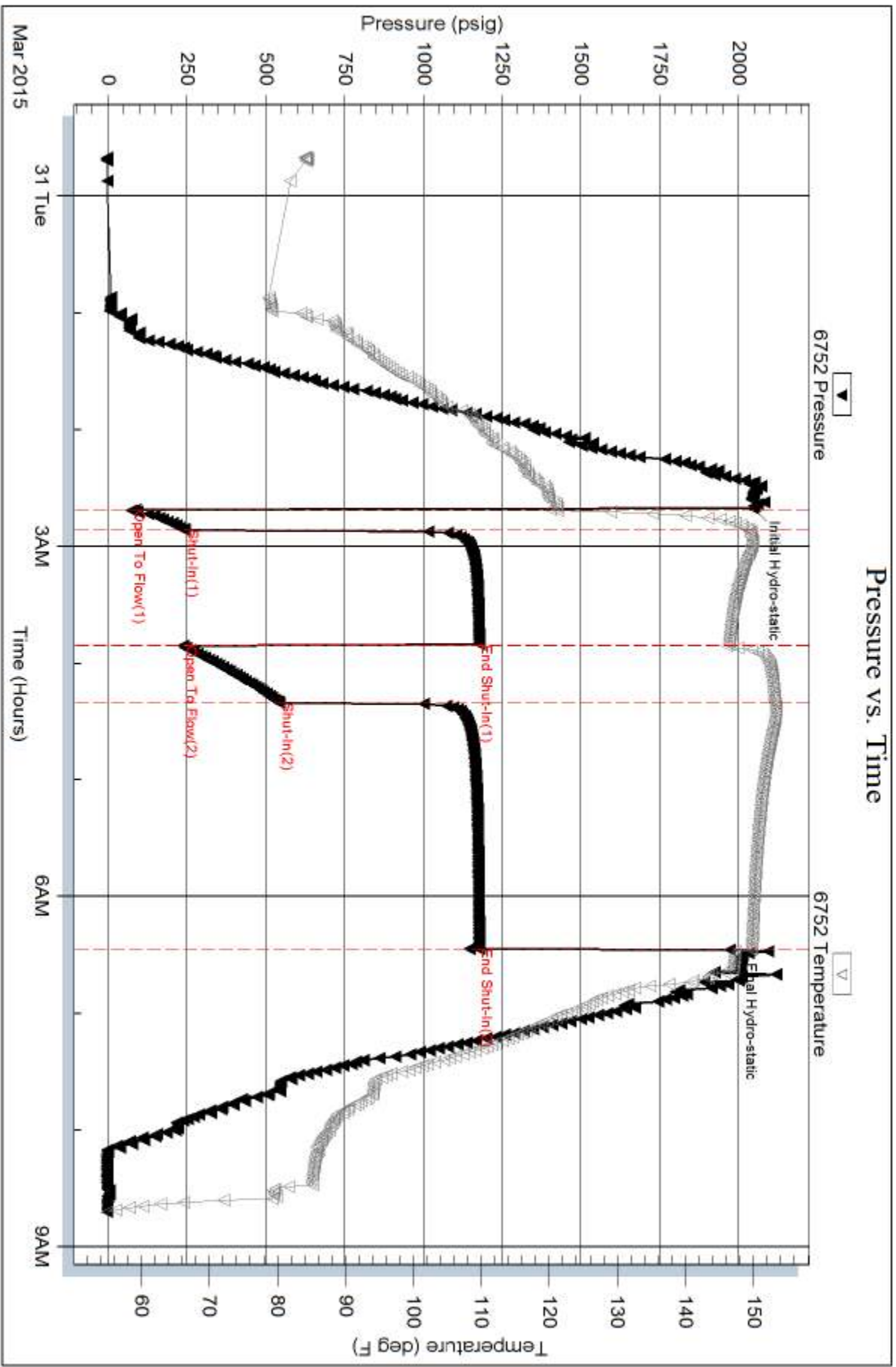
| | | | |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | 19000 ppm |
| Viscosity: 52.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 6.40 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 800.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------------|---------------|
| 63.00 | MCW - 30%M - 70%W | 0.310 |
| 753.00 | MCW - 3%M - 97%W | 9.442 |
| 252.00 | OSMCW - Oil spots - 25%M - 75%W | 3.535 |
| 126.00 | OWCM - 2%o - 38%W - 60%M | 1.767 |
| 45.00 | OWCM - 5%o - 40%W - 55%M | 0.631 |

Total Length: 1239.00 ft Total Volume: 15.685 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW = .565 @ 44 DEG F



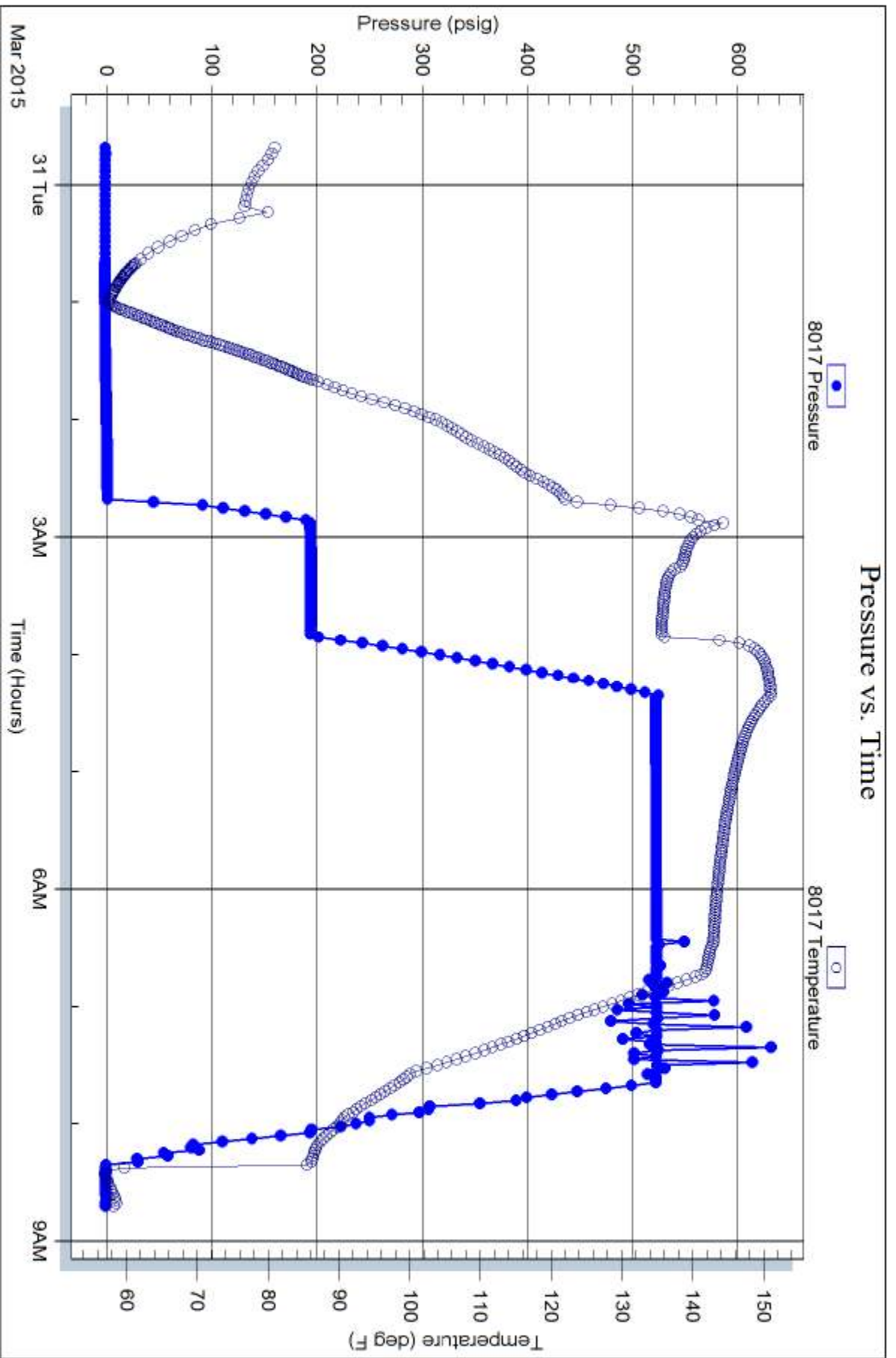
Serial #: 8017

Fluid

SGA

Krueger Trust #2-6

DST Test Number: 2





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

SGA
1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

6-2S-36W Rawlins KS

Krueger Trust #2-6

Job Ticket: 62318 **DST#: 3**
Test Start: 2015.03.31 @ 18:34:00

GENERAL INFORMATION:

Formation: **LKC " G "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 21:07:50 Tester: Ryan Nichols
Time Test Ended: 03:16:49 Unit No: 78
Interval: 4392.00 ft (KB) To 4410.00 ft (KB) (TVD) Reference Elevations: 3332.00 ft (KB)
Total Depth: 4410.00 ft (KB) (TVD) 3327.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

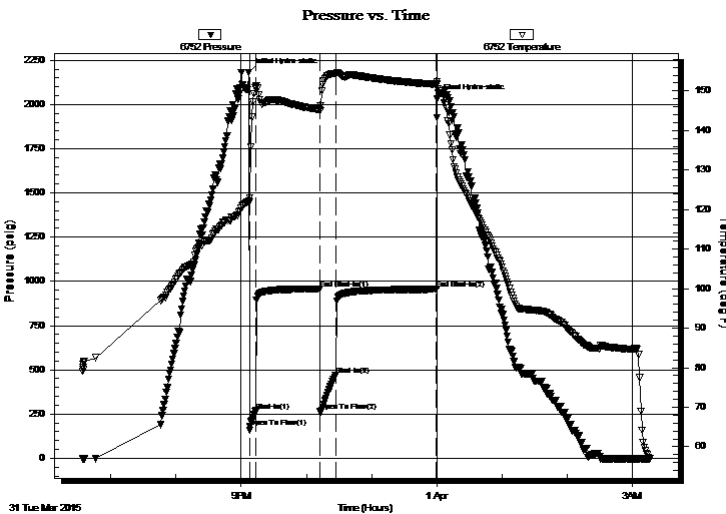
Serial #: 6752

Inside

Press@RunDepth: 470.71 psig @ 4397.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.31 End Date: 2015.04.01 Last Calib.: 2015.04.01
Start Time: 18:34:01 End Time: 03:16:49 Time On Btm: 2015.03.31 @ 21:07:00
Time Off Btm: 2015.04.01 @ 00:00:09

TEST COMMENT: 5 IF - 2" blow built to BoB @ 1 1/2 mins
60 ISI - Surface blow started @ 6 mins built to 1"
15 FF - 1" blow built to BoB @ 1 min 45 secs
90 FSI - Surface blow started @ 3 mins built to 8"

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2181.49 | 122.09 | Initial Hydro-static |
| 1 | 178.20 | 121.90 | Open To Flow (1) |
| 7 | 267.90 | 151.05 | Shut-In(1) |
| 66 | 957.76 | 145.29 | End Shut-In(1) |
| 66 | 266.82 | 145.08 | Open To Flow (2) |
| 80 | 470.71 | 154.47 | Shut-In(2) |
| 173 | 955.53 | 151.66 | End Shut-In(2) |
| 174 | 2030.99 | 151.93 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------------------|--------------|
| 564.00 | OCW - 2%o - 98%W | 6.22 |
| 259.00 | GOMCW - 30%G - 10%o - 20%M - 40%W | 3.63 |
| 63.00 | GMMCO - 10%G - 30%W - 20%M - 40%o | 0.88 |
| 189.00 | GO - 30%G - 70%o | 2.65 |
| 0.00 | 100' GIP | 0.00 |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

SGA

6-2S-36W Rawlins KS

1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

Krueger Trust #2-6

Job Ticket: 62318 **DST#: 3**
Test Start: 2015.03.31 @ 18:34:00

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 58.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.20 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 1200.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

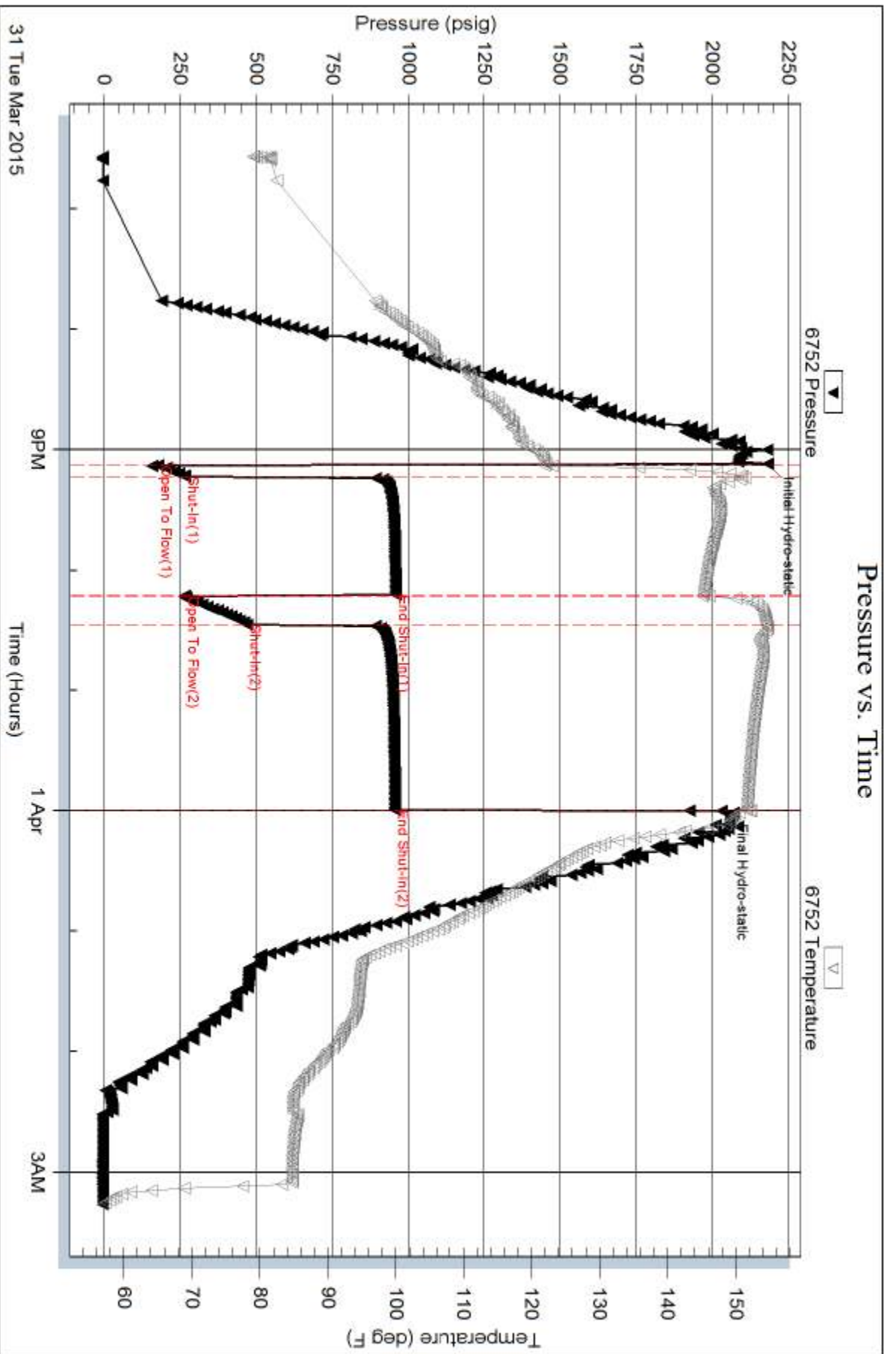
| Length ft | Description | Volume bbl |
|--------------|-----------------------------------|---------------|
| 564.00 | OCW - 2%o - 98%W | 6.217 |
| 259.00 | GOMCW - 30%G - 10%o - 20%M - 40%W | 3.633 |
| 63.00 | GMWCO - 10%G - 30%W - 20%M - 40%o | 0.884 |
| 189.00 | GO - 30%G - 70%o | 2.651 |
| 0.00 | 100' GIP | 0.000 |

Total Length: 1075.00 ft Total Volume: 13.385 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: OIL API - 28 @ 70 DEG F = 27 COR 60 DEG F
RW = .640 @ 57 DEG F
CHLORIDES = 13,000 PPM



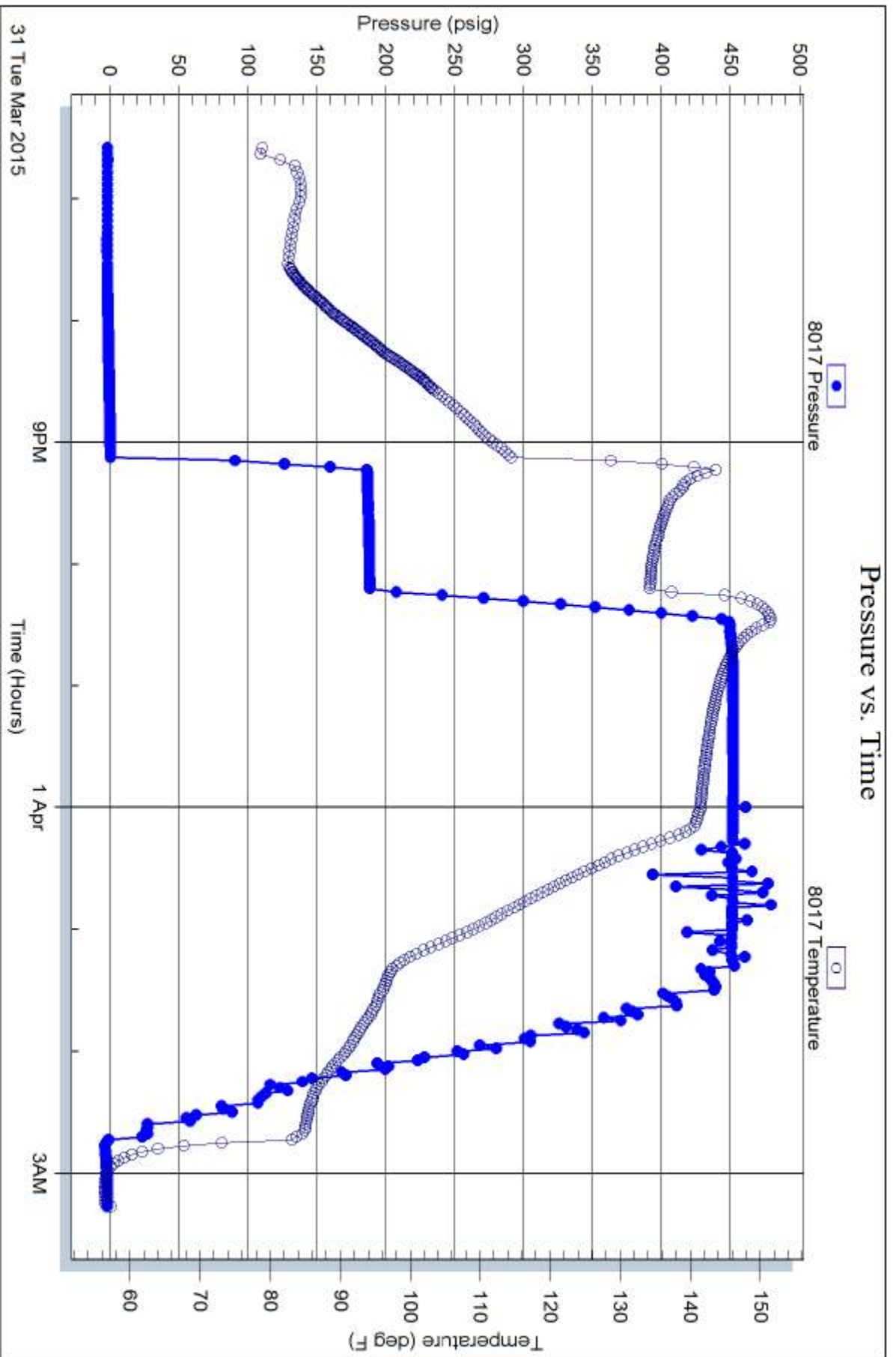
Serial #: 8017

Fluid

SGA

Krueger Trust #2-6

DST Test Number: 3





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

Well Name: KRUEGER TRUST 2-6
Well Id:
Location: SEC. 6 2S 36W RAWLINS COUNTY, KANSAS
License Number: 15-153-21120-0000 Region: WILDCAT
Spud Date: MAR. 25, 2015 Drilling Completed: APR. 2, 2015
Surface Coordinates: 2310 FNL/ 1240 FEL

Bottom Hole
Coordinates:
Ground Elevation (ft): 3330' K.B. Elevation (ft): 3335'
Logged Interval (ft): 4000' To: 4850' Total Depth (ft): 4850'
Formation: Lansing, Kansas City
Type of Drilling Fluid: Natural Chemical

Printed by WellSight Log Manager 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: Chris Mitchell

GEOLOGIST

Name: Schuyler Hedrick
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945
Off. 888-543-8378 Cell: 580-754-0231



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

SGA
1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Michel

6-2S-36W Rawlins KS

Krueger Trust #2-6

Job Ticket: 62316 **DST#: 1**
Test Start: 2015.03.30 @ 07:02:00

GENERAL INFORMATION:

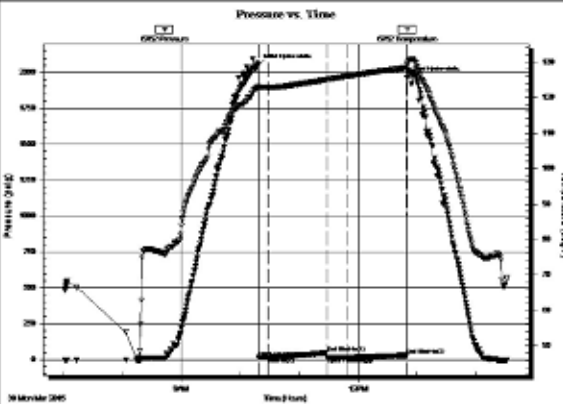
Formation: **LKC " A "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:18:40
Time Test Ended: 14:31:50
Interval: **4270.00 ft (KB) To 4298.00 ft (KB) (TVD)**
Total Depth: **4298.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Ryan Nichols**
Unit No: **78**
Reference Elevations: **3332.00 ft (KB)**
3327.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6752

Inside

Press@RunDepth: **15.90 psig @ 4275.00 ft (KB)**
Start Date: **2015.03.30** End Date: **2015.03.30** Capacity: **8000.00 psig**
Start Time: **07:02:01** End Time: **14:31:50** Last Callb.: **2015.03.30**
Time On Btm: **2015.03.30 @ 10:18:30**
Time Off Btm: **2015.03.30 @ 12:50:00**

TEST COMMENT: 10 F - Surface blow built to 1/4"
60 ISI - No return
20 FF - Surface blow
60 FSI - No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2050.40 | 123.08 | Initial Hydro-static |
| 1 | 14.31 | 122.41 | Open To Flow (1) |
| 10 | 15.12 | 122.80 | Shut-in(1) |
| 70 | 47.55 | 125.03 | End Shut-in(1) |
| 70 | 15.76 | 125.04 | Open To Flow (2) |
| 90 | 15.90 | 125.95 | Shut-in(2) |
| 152 | 29.70 | 128.43 | End Shut-in(2) |
| 152 | 1959.78 | 129.32 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------|--------------|
| 5.00 | Mud w / oil spots 100%M | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

SGA
1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

6-2S-36W Rawlins KS

Krueger Trust #2-6

Job Ticket: 62317 **DST#: 2**
Test Start: 2015.03.30 @ 23:40:00

GENERAL INFORMATION:

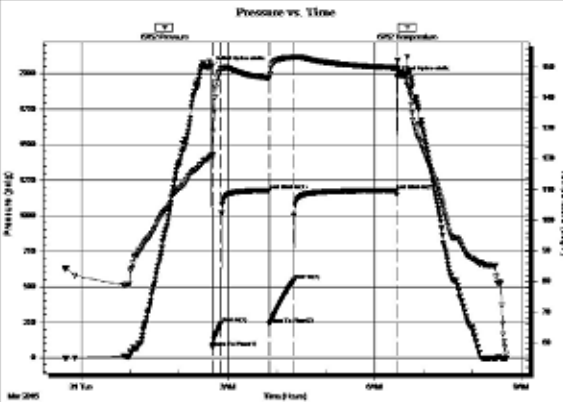
Formation: **LKC " D "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:41:10
Time Test Ended: 08:42:10
Interval: **4332.00 ft (KB) To 4360.00 ft (KB) (TVD)**
Total Depth: **4360.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Nichols
Unit No: 78
Reference Elevations: 3332.00 ft (KB)
3327.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press@RunDepth: 542.39 psig @ 4337.00 ft (KB)
Start Date: 2015.03.30 End Date: 2015.03.31
Start Time: 23:40:01 End Time: 08:42:10
Capacity: 8000.00 psig
Last Callb.: 2015.03.31
Time On Btm: 2015.03.31 @ 02:40:00
Time Off Btm: 2015.03.31 @ 06:27:20

TEST COMMENT: 10 F - 1" blow built to BoB @ 3 mins
60 ISI - Surface blow started @ 6 mins built to 1/2"
30 FF - 1/2" blow built to BoB @ 4mins
120 FSI - Surface blow started @ 11 mins died @ 73 mins



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2045.75 | 121.18 | Initial Hydro-static |
| 2 | 73.70 | 121.24 | Open To Flow (1) |
| 12 | 242.76 | 149.32 | Shut-in(1) |
| 71 | 1177.72 | 146.40 | End Shut-in(1) |
| 71 | 237.77 | 146.04 | Open To Flow (2) |
| 101 | 542.39 | 153.07 | Shut-in(2) |
| 227 | 1177.02 | 149.77 | End Shut-in(2) |
| 228 | 1972.64 | 149.56 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 63.00 | MCW - 30%M - 70%W | 0.31 |
| 753.00 | MCW - 3%M - 97%W | 9.44 |
| 252.00 | OSMCW - Oil spots - 25%M - 75%W | 3.53 |
| 126.00 | OWCM - 2%o - 38%W - 60%M | 1.77 |
| 45.00 | OWCM - 5%o - 40%W - 55%M | 0.63 |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

SGA

6-2S-36W Rawlins KS

1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

Krueger Trust #2-6
Job Ticket: 62318 **DST#: 3**
Test Start: 2015.03.31 @ 18:34:00

GENERAL INFORMATION:

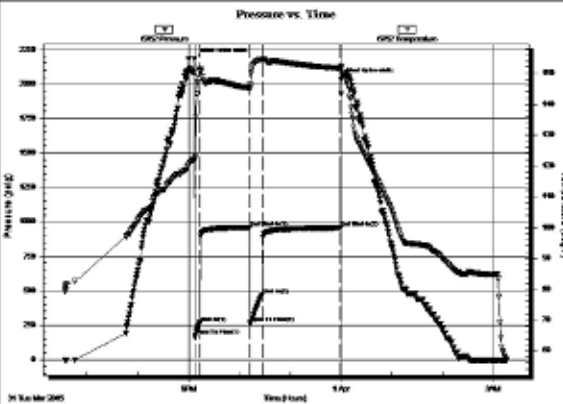
Formation: **LKC " G "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:07:50
 Time Test Ended: 03:16:49
 Interval: **4392.00 ft (KB) To 4410.00 ft (KB) (TVD)**
 Total Depth: **4410.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 78
 Reference Elevations: 3332.00 ft (KB)
 3327.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press@RunDepth: 470.71 psig @ 4397.00 ft (KB)
 Start Date: 2015.03.31 End Date: 2015.04.01
 Start Time: 18:34:01 End Time: 03:16:49
 Capacity: 8000.00 psig
 Last Callb.: 2015.04.01
 Time On Btm: 2015.03.31 @ 21:07:00
 Time Off Btm: 2015.04.01 @ 00:00:09

TEST COMMENT: 5 F - 2" blow built to BoB @ 1 1/2 mins
 60 ISI - Surface blow started @ 6 mins built to 1"
 15 FF - 1" blow built to BoB @ 1 min 45 secs
 90 FSI - Surface blow started @ 3 mins built to 8"



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2181.49 | 122.09 | Initial Hydro-static |
| 1 | 178.20 | 121.90 | Open To Flow (1) |
| 7 | 267.90 | 151.05 | Shut-in(1) |
| 66 | 957.76 | 145.29 | End Shut-in(1) |
| 66 | 266.82 | 145.08 | Open To Flow (2) |
| 80 | 470.71 | 154.47 | Shut-in(2) |
| 173 | 955.53 | 151.66 | End Shut-in(2) |
| 174 | 2030.99 | 151.93 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------------------|--------------|
| 564.00 | OCW - 2%o - 98%W | 6.22 |
| 259.00 | GOMCW - 30%G - 10%o - 20%M - 40%W | 3.63 |
| 63.00 | GMMCO - 10%G - 30%W - 20%M - 40%o | 0.88 |
| 189.00 | GO - 30%G - 70%o | 2.65 |
| 0.00 | 100' GIP | 0.00 |

* Recovery from multiple tests

Gas Rates

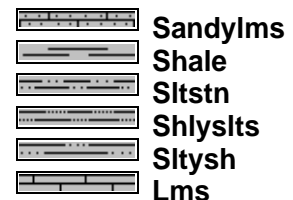
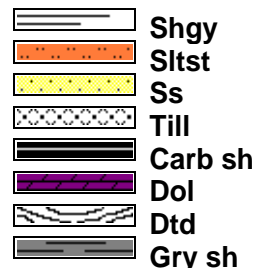
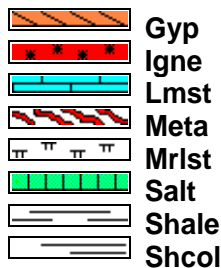
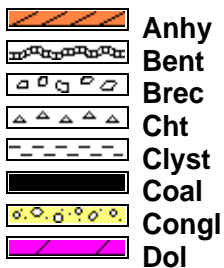
| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
| | | | |

TriLOBITE Testing, Inc

Ref. No: 62318

Printed: 2015.04.02 @ 15:38:09

ROCK TYPES



ACCESSORIES

FOSSIL

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

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sltly

- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

INTERVALS

- Core
- Dst
- Dst

EVENTS

- Rft
- Sidewall

POROSITY TYPE

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

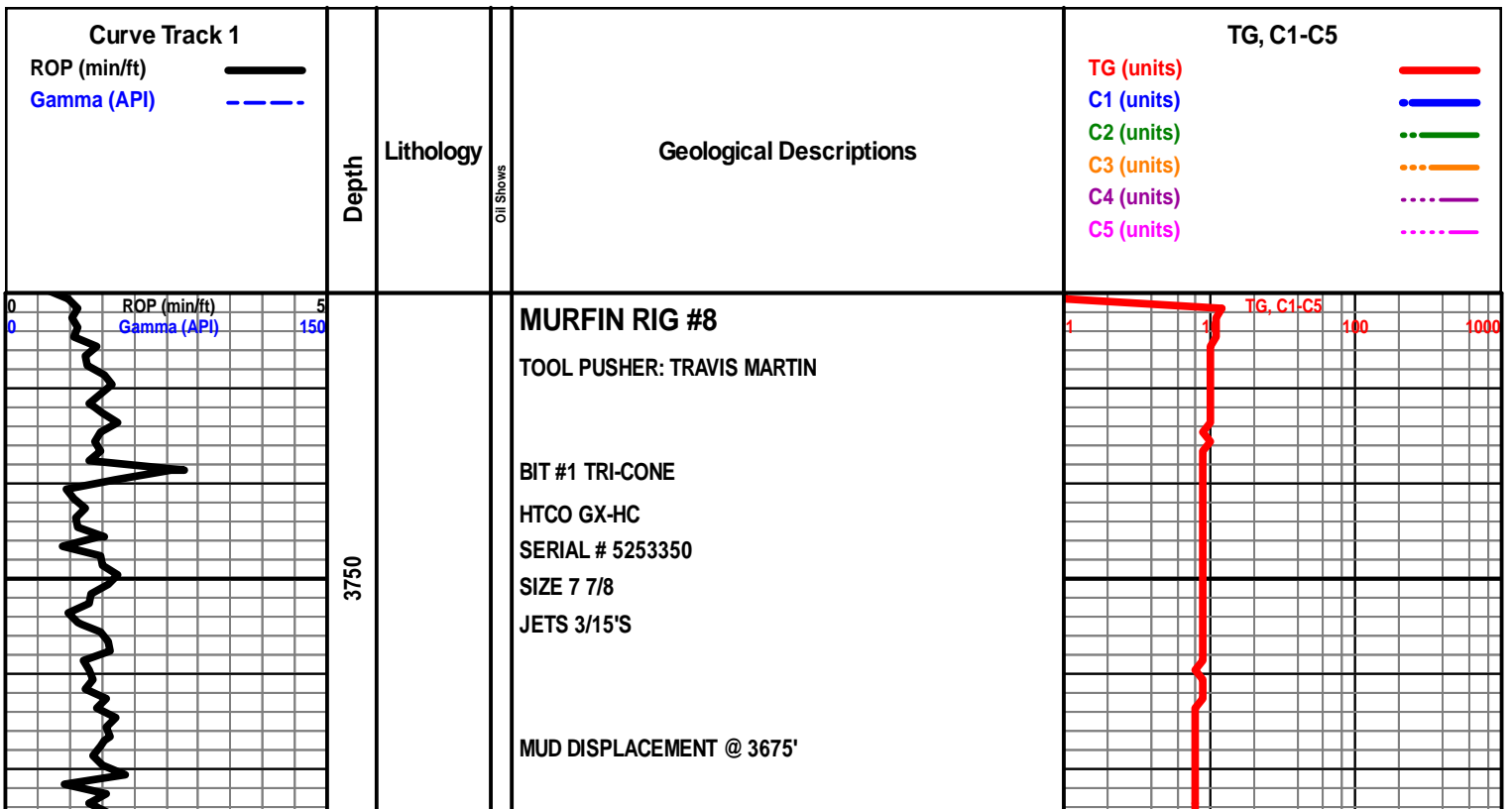
ROUNDING

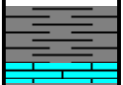
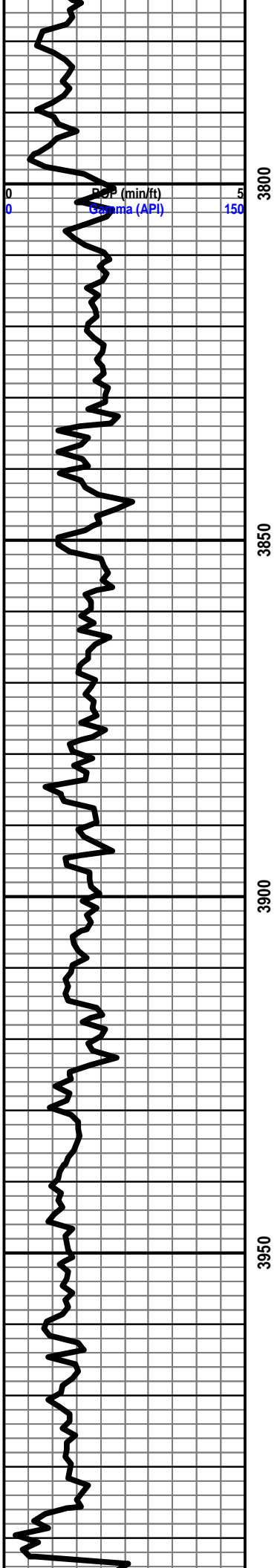
- Rounded
- Subrnd
- Subang

- Angular

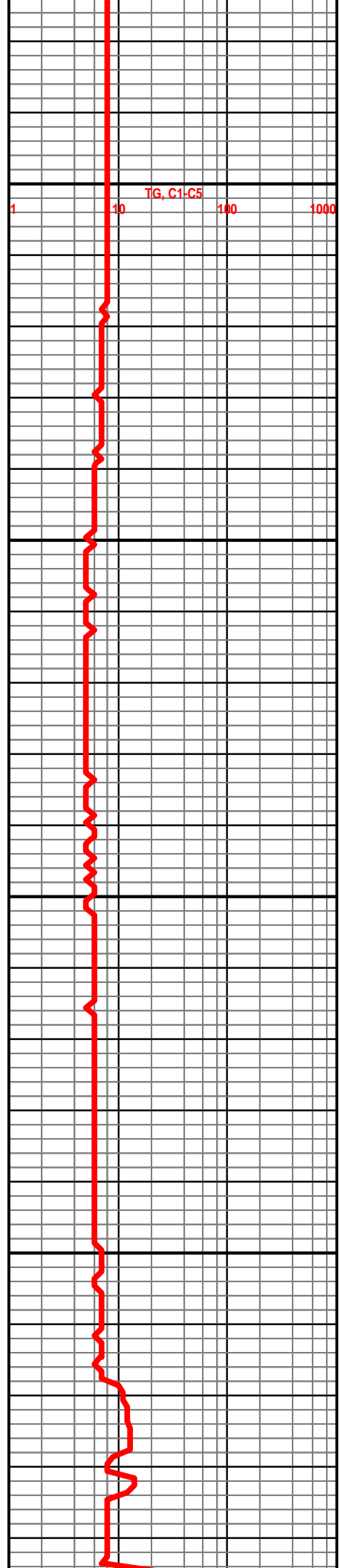
OIL SHOWS

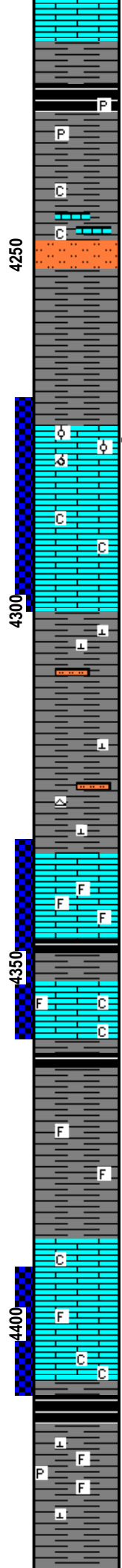
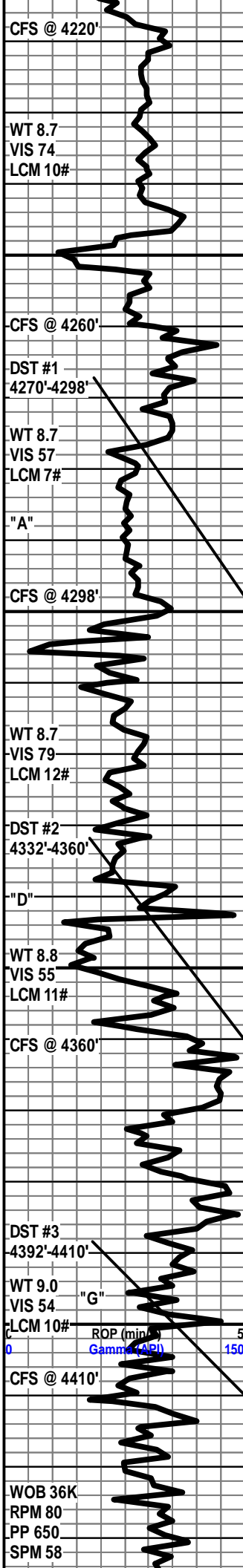
- Even
- Spotted
- Ques
- Dead
- Gas show





START 24 HR. MANNED UNIT 3/29/15





NO OIL ODOR

HEEBNER 4227' (-892')

SH-BLK SFT CARB, W/ DK GY TO GY, V FRM BLCKY, HVY TR IMBD DISS PYR

SLTY SS- LT GY TO GY WHT IP, V FRI TO HD IP, IMBD VF/F-GRNS THRU, S-RND TO S-ANG GRNS, FR TO GD SRT, SIL CMNT GRDNG TO CALC-CMNT IP, IMBD SCAT V/F DISS PYR, IMBD GY SH, TR DLL YEL FLO IN 10%, PR INTER-GRN POR IN 2%, TR FR INTER-GRN POR IP, NO VIS CUT OR SHOW

LANSING 4273' (-938')

4273'-4378' LS- TN TO DK TN (W/ BRN TO DK BRN OIL STN IN 50%-60%), HD DNS, VF/MD-XLN, RE-XLN, V SUCRO, TR IMBD OOL, SLI TR OOLMOLD IP, TR IMBD PYR IP, DLL YEL FLO IN 30%, BRT YEL GLD FLO IN 10%, PR TO FR VUG POR IN 4%, TR GD VUG POR IP, FR OOLMOLD POR IN 2%, INST RNG CUT, EXCEL SLW STRM THRU, DK BRN LCH ON DSH, FR OIL ODOR, ABDT FREE FLOATING OIL IN SAMPLE CUP

SH- RD TO GRN GY, FRM TO SFT IP, BLCKY, SLTY TXT, TR CALC-IP

SH- MD GY TO DK GY, FRM BLCKY TO SFT SPLNTY, SLTY TXT, CALC-IP, TR CLR CHRT

LANSING "D" 4334' (-999')

4338-4242' LS- DK BRN TO BLK WHT IP (DUE TO OIL STN IN 70%), HD DNS TO TR BRTT IP, MD-XLN, V RE-XLN MTRX, S-CHLKY IP, IMBD LG FOSS FRGS, W/ HVY TR FRAGILE FREE FOSS, YEL TO BRT YEL GLD FLO IN 30%, PR TO FR INTER-FOSS POROSITY IN 4%-5%, GD INTER-FOSS POR IN 2%, INST FLSH CUT, EXCEL SLW STRM THRU, DK BRN LCH ON DSH, NO OIL ODOR

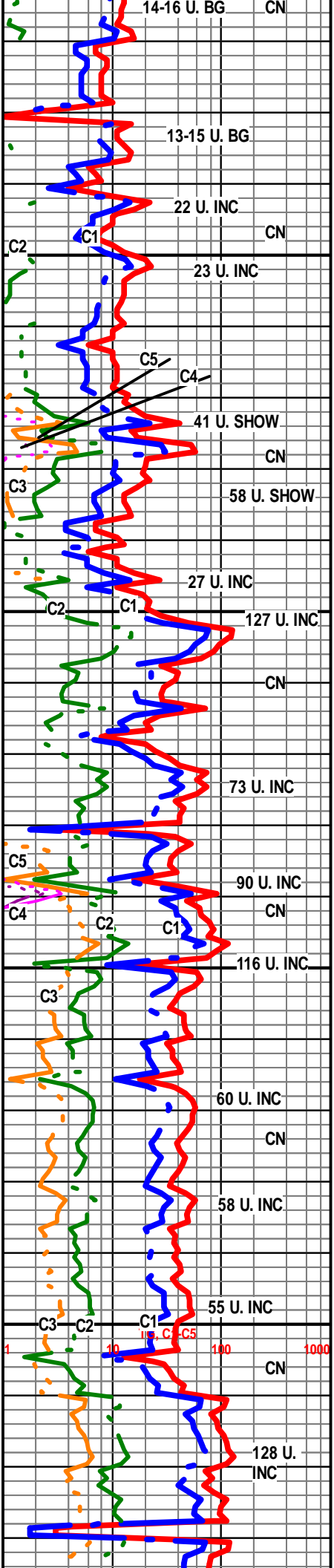
LS- CRM TO LT TN, HD DNS, F-XLN, MD-XLN IP, S-CHLKY, IMBD SFT WHT CHLK, SLI TR IMBD FOSS FRGS, DLL YEL FLO IN 30%, NO VIS POR, NO VIS CUT OR SHOW

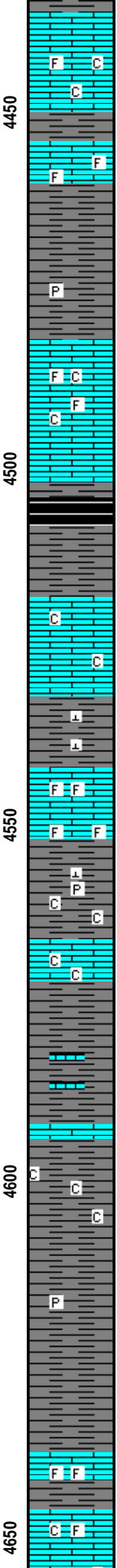
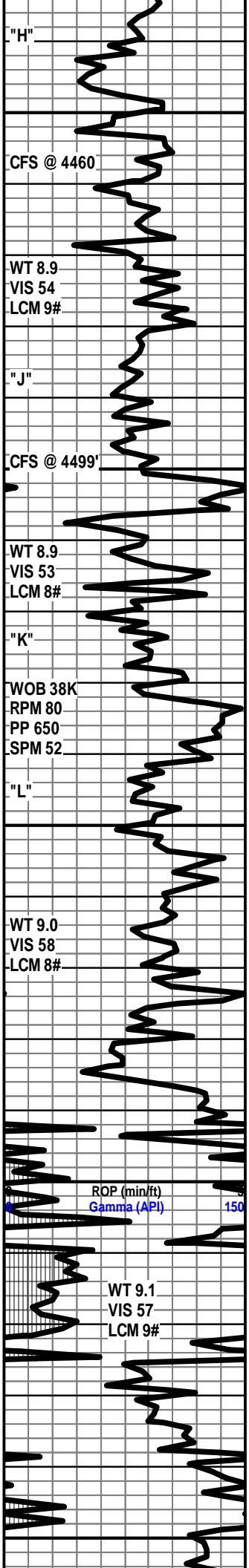
SH- RD TO LT GY GY, FRM TO SFT, BLCKY, SLTY TXT, TR FREE FOSS

LANSING "G" 4389' (-1054')

4395'-4498' LS- LT TN TO CRM OFF WHT IP (W/ LT TN TO TN OIL STN IN 20%), HD DNS TO BRTT, MD/F-XLN, V RE-XLN MTRX, S-SUCRO IP, HVY TR IMBD ANG F-GRNS QRTZ, IMBD FOSS FRGS, SLI TR IMBD SFT WHT CHLK, DLL YEL FLO IN 30%, TR SPTTD BRT YEL GLD FLO IP, FR TO GD INTER-XLN POR IN 4%, FR TO GD VUG POR IN 2%, WK FLSH CUT, PR TO FR SLW STRM IN 30%, LT TN LCH ON DSH, NO OIL ODOR

SH- GY TO DK GY, V FRM TO FRM, BLCKY, SLTY TXT, TR FREE FOSS, SLI TR IMBD DISS PYR, CALC-IP





LS- LT TN TO CRM, HD DNS TO BRTT IP, F/MD-XLN, RE-XLN, HVY TR IMBD S-ANG MD/CRS-GRNS, IMBD FOSS FRGS, TR SFT TO FRM WHT CHLK IN TRAY, V DLL YEL FLO THRU, NO VIS CUT OR SHOW

LS- OFF WHT TO CRM, HD DNS TO SLI TR BRTT IP, VF/F-XLN, S-CHLKY, TR IMBD FOSS FRGS IP, TR DLL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

SH- RD TO DK RD BRN, SFT TO GMMY IP, V SLTY TXT, IMBD RND VF-GRNS, TR PYR CLSTRS

LANSING "J" 4483' (-1148')

4483'-4486' LS- WHT TO OFF WHT (W/ BLK TO DK BRN OIL STN IN 40%-70%), HD DNS TO SLI TR BRTT IP, F/MD-XLN, S-CHLKY IP, TR IMBD FOSS FRGS, SLI TR IMBD DISS PYR, YEL GLD FLO IN 40%, SCAT SPTTD BRT YEL GLD FLO IP, V PR TO PR INTER-XLN POR IN 1%, WK FLSH CUT, PR TO FR SLW STRM IN 40%, TN LCH ON DSH, NO OIL ODOR

SH- RD TO DK RD GY MOTT, SFT TO FRM IP, BLCKY, V SLTY TXT

LS- WHT TO LT GY, V HD DNS, VF-XLN, CRYPTO-XLN IP, S-CHLKY, SLI TR IMBD S-ANG MD/CRS-GRNS QRTZ, DLL YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR SHOW

SH- RD TO GRN, V FRM TO GMMY, BLCKY, V CALC

LS- TN TO LT TN CRM IP, HD DNS, F-XLN, RE-XLN MTRX, ABDT IMBD FOSS THRU, TR IMBD RD SH IP, NO VIS FLO, NO VIS CUT OR SHOW

BKC 4552' (-1217')

SH- GY TO LT GY GRN W/ TR RD, FRM TO SFT, BLCKY, CALC-IP, TR PYR

LS- OFF WHT TO LT GY, V HD DNS, VF/F-XLN, S-CHLKY, TR IMBD GY SH, TR SFT TO GMMY WHT CHLK IN TRAY, DLL YEL FLO THRU, NO VIS POR, NO VIS CUT OR SHOW

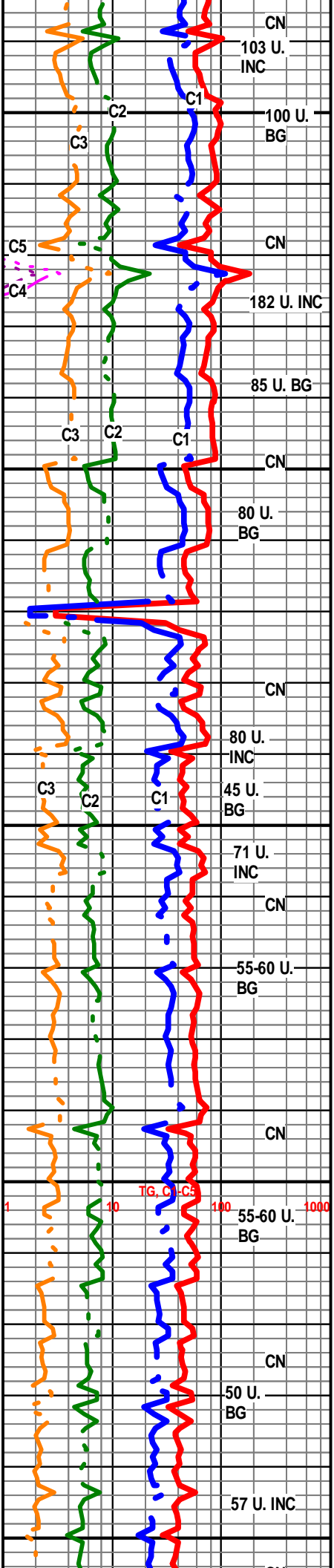
SH- RD TO DK RD, SFT TO GMMY, SLTY TXT, TR INTER-BD LS IP

SH- MD GY TO GY, FRM TO SFT IP, BLCKY, V CALC, HVY TR SFT WHT CHLK

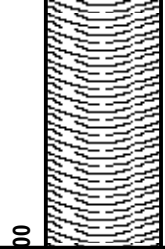
SH- RD TO GY MOTT, FRM TO GMMY, BLCKY, V SLTY TXT, TR IMBD DISS PYR

SH- RD TO DK RD GY, SFT TO FRM IP, SLTY TXT, CALC-IP

LS- OFF WHT TO CRM, HD DNS TO TR BRTT IP, F/MD-XLN, RE-XLN IP, S-CHLKY, IMBD FOSS FRGS, TR IMBD S-ANG MD-GRNS QRTZ, V DLL YEL FLO IN 40%, NO VIS POR, NO



C.T.C.H. 1.5 HRS



T.O.F.L. @ 8:00 P.M. 4/2/15

WEATHERFORD/ LIBERAL, KS

THANK YOU FOR CHOOSING EARTH TECH

LOGGED BY: SCHUYLER HEDRICK