



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1100174

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

|   |   |
|---|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>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 |
| _____ Perforate<br>_____ Protect Casing<br>_____ Plug Back TD<br>_____ Plug Off Zone |                  |                |              |                            |
|  |                  |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><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:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____<br><i>(Submit ACO-4)</i> | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|--|--|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | Shelby Resources LLC   |
| Well Name | Schlessiger 1-25       |
| Doc ID    | 1100174                |

All Electric Logs Run

|                     |
|---------------------|
|                     |
| Dual Induction      |
| Compensated Neutron |
| Micro               |
| Sonic               |



## DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Blvd. Hays Kansas 67601

ATTN: Keith Reavis

**Schlessiger 1-25**

**25-17s-14w-rtonBa**

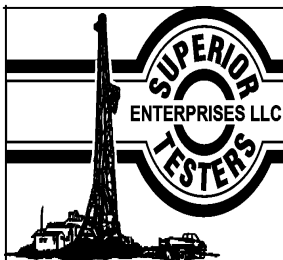
Start Date: 2012.10.16 @ 11:04:00

End Date: 2012.10.16 @ 17:47:00

Job Ticket #: 17860                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.10.17 @ 04:04:03



# DRILL STEM TEST REPORT

Shelby Resources  
 2717 Canal Blvd. Hays Kansas 67601  
 ATTN: Keith Reavis

**25-17s-14w-rtonBa**  
**Schlessiger 1-25**  
 Job Ticket: 17860 **DST#: 1**  
 Test Start: 2012.10.16 @ 11:04:00

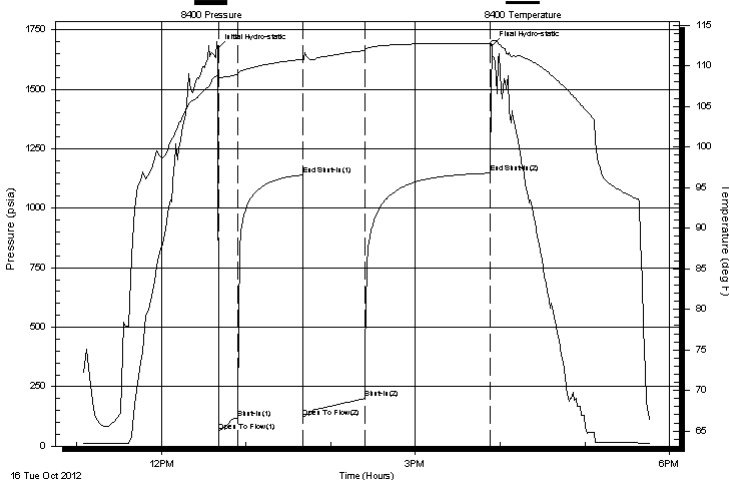
## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 12:40:30 Tester: Dustin Ellis  
 Time Test Ended: 17:47:00 Unit No: 3315-Great Bend-32  
 Interval: **3337.00 ft (KB) To 3398.00 ft (KB) (TVD)** Reference Elevations: 1878.00 ft (KB)  
 Total Depth: 3398.00 ft (KB) (TVD) 1872.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

**Serial #: 8400 Outside**  
 Press @ Run Depth: 199.84 psia @ 3395.37 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.10.16 End Date: 2012.10.16 Last Calib.: 2012.10.17  
 Start Time: 11:04:00 End Time: 17:47:00 Time On Btm: 2012.10.16 @ 12:40:00  
 Time Off Btm: 2012.10.16 @ 15:54:00

**TEST COMMENT:** 1st Open 15 minutes Fair building blow blew 5 inches into bucket of water.  
 1st Shut in 45 minutes No blow back.  
 2nd Open 45 minutes Fair building blow blew bottom bucket 31 minutes.  
 2nd Shut in 90 minutes No blow back.

Pressure vs. Time



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1668.95         | 108.94       | Initial Hydro-static |
| 1           | 60.58           | 108.43       | Open To Flow (1)     |
| 14          | 117.24          | 108.91       | Shut-In (1)          |
| 60          | 1139.75         | 110.78       | End Shut-In (1)      |
| 61          | 122.29          | 110.41       | Open To Flow (2)     |
| 104         | 199.84          | 111.87       | Shut-In (2)          |
| 193         | 1147.06         | 112.78       | End Shut-In (2)      |
| 194         | 1683.84         | 113.11       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                | Volume (bbl) |
|-------------|----------------------------|--------------|
| 248.00      | Muddy water 95%Mud 5%Water | 1.51         |
|             |                            |              |
|             |                            |              |
|             |                            |              |

## Gas Rates

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





# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Shelby Resources  
 2717 Canal Blvd. Hays Kansas 67601  
 ATTN: Keith Reavis

**25-17s-14w-rtonBa**  
**Schlessiger 1-25**  
 Job Ticket: 17860      **DST#: 1**  
 Test Start: 2012.10.16 @ 11:04:00

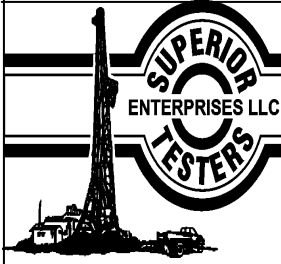
**Tool Information**

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 3118.00 ft | Diameter: 3.80 inches | Volume: 43.74 bbl              | Tool Weight: 2000.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 20000.00 lb  |
| Drill Collar:             | Length: 216.25 ft  | Diameter: 2.25 inches | Volume: 1.06 bbl               | Weight to Pull Loose: 69000.00 lb  |
|                           |                    |                       | <u>Total Volume: 44.80 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 17.25 ft           |                       |                                | String Weight: Initial 64000.00 lb |
| Depth to Top Packer:      | 3337.00 ft         |                       |                                | Final 64000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 61.37 ft           |                       |                                |                                    |
| Tool Length:              | 81.37 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                     |
|------------------|-------------|------------|----------|------------|------------------------------------|
| Shut-In Tool     | 5.00        |            |          | 3322.00    |                                    |
| Hydraulic Tool   | 5.00        |            |          | 3327.00    |                                    |
| Packer           | 5.00        |            |          | 3332.00    | 20.00      Bottom Of Top Packer    |
| Packer           | 5.00        |            |          | 3337.00    |                                    |
| Anchor           | 5.00        |            |          | 3342.00    |                                    |
| Change Over Sub  | 0.75        |            |          | 3342.75    |                                    |
| Drill Pipe       | 31.87       |            |          | 3374.62    |                                    |
| Change Over Sub  | 0.75        |            |          | 3375.37    |                                    |
| Anchor           | 18.00       |            |          | 3393.37    |                                    |
| Recorder         | 1.00        | 6663       | Inside   | 3394.37    |                                    |
| Recorder         | 1.00        | 8400       | Outside  | 3395.37    |                                    |
| Bull Plug        | 3.00        |            |          | 3398.37    | 61.37      Bottom Packers & Anchor |

**Total Tool Length: 81.37**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shelby Resources  
 2717 Canal Blvd. Hays Kansas 67601  
 ATTN: Keith Reavis

**25-17s-14w-rtonBa**  
**Schlessiger 1-25**  
 Job Ticket: 17860      **DST#: 1**  
 Test Start: 2012.10.16 @ 11:04:00

### 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: 50.00 sec/qt          | Cushion Volume: bbl        |                 |         |
| Water Loss: 7.60 in <sup>3</sup> | Gas Cushion Type:          |                 |         |
| Resistivity: ohm.m               | Gas Cushion Pressure: psia |                 |         |
| Salinity: 5000.00 ppm            |                            |                 |         |
| Filter Cake: 1.00 inches         |                            |                 |         |

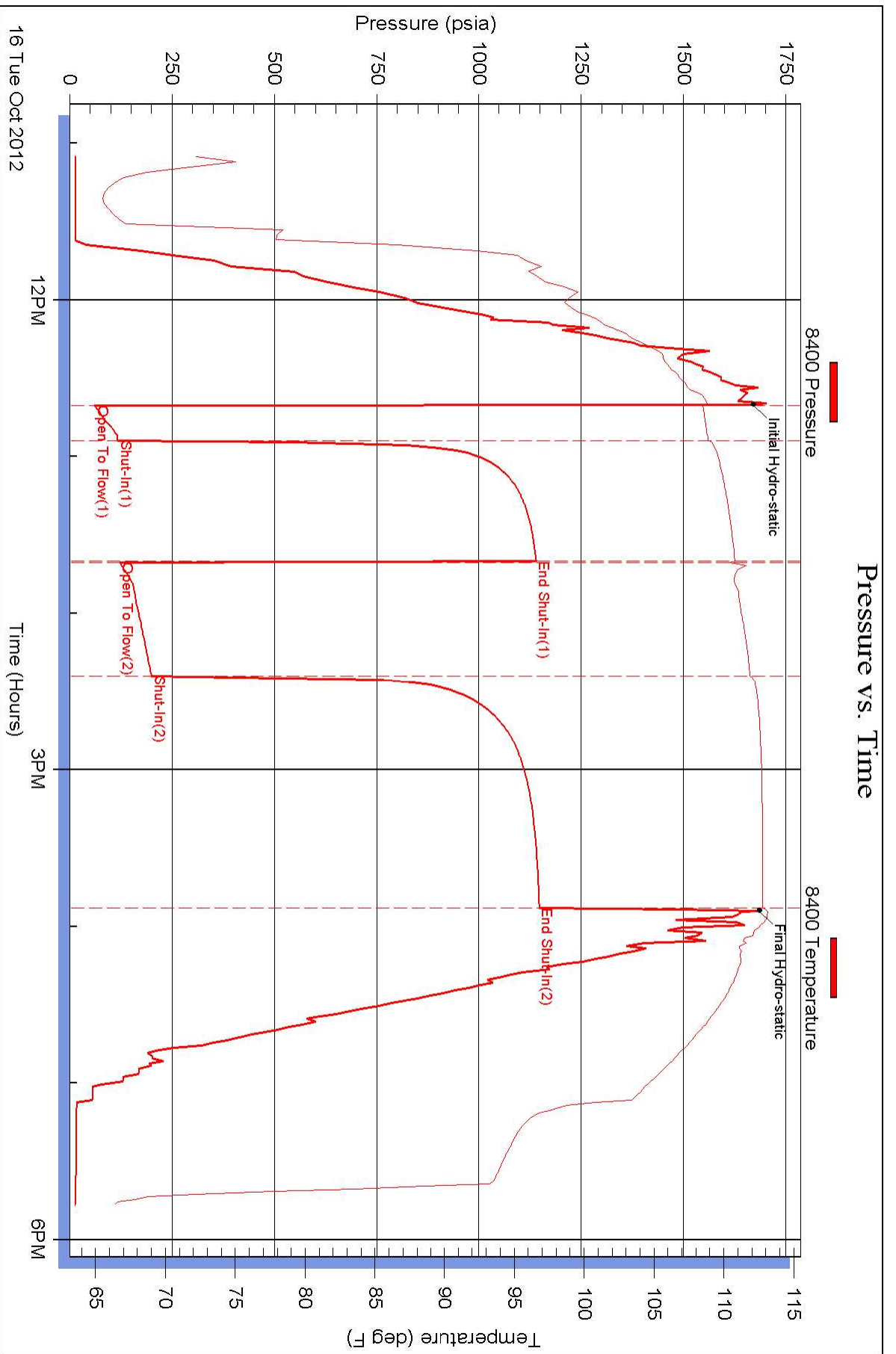
### Recovery Information

Recovery Table

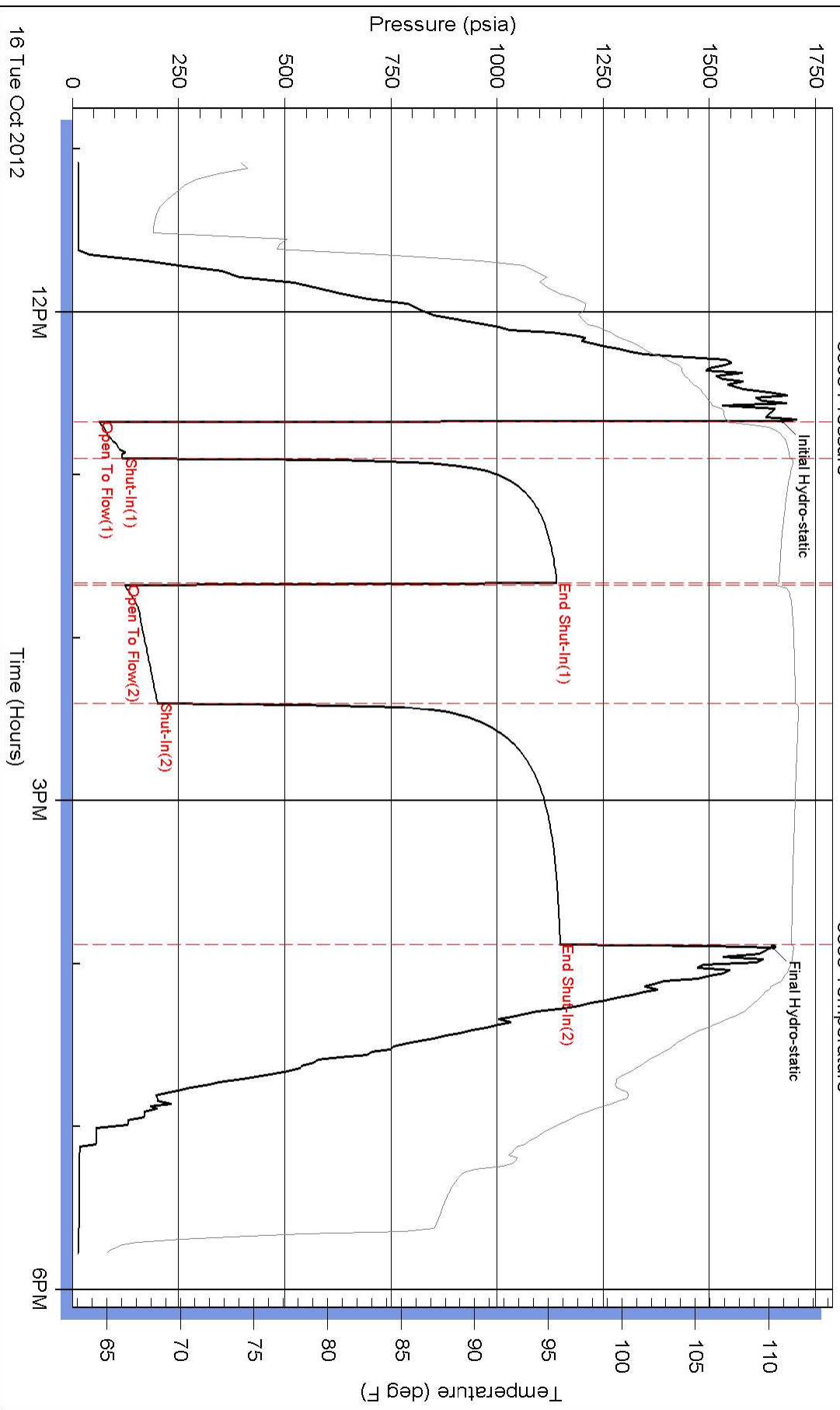
| Length<br>ft | Description                | Volume<br>bbl |
|--------------|----------------------------|---------------|
| 248.00       | Muddy water 95%Mud 5%Water | 1.509         |

Total Length: 248.00 ft      Total Volume: 1.509 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





### Pressure vs. Time



Scale 1:240 Imperial

Well Name: # 1-25 Schlessiger  
 Surface Location: Sec. 25 - 17S - 14W  
 Bottom Location:  
 API: 15-009-25763-00-00  
 License Number:  
 Spud Date: 10/11/2012 Time: 3:45 AM  
 Region: Barton County  
 Drilling Completed: 10/17/2012 Time: 12:30 PM  
 Surface Coordinates: 1755' FSL & 980' FEL  
 Bottom Hole Coordinates:  
 Ground Elevation: 1872.00ft  
 K.B. Elevation: 1881.00ft  
 Logged Interval: 2800.00ft To: 3475.00ft  
 Total Depth: 3475.00ft  
 Formation: Arbuckle  
 Drilling Fluid Type: Polymer/Fresh water gel

**OPERATOR**

Company: Shelby Resources, LLC  
 Address: 445 Union Blvd, Suite 208  
 Lakewood, CO 80228  
 Contact Geologist: Janine Sturdavant  
 Contact Phone Nbr: 303-907-2209 / 720-274-4682  
 Well Name: # 1-25 Schlessiger  
 Location: Sec. 25 - 17S - 14W API: 15-009-25763-00-00  
 Pool: Wildcat  
 State: Kansas Country: USA

**LOGGED BY**

Company: Shelby Resources, LLC  
 Address: 445 Union Blvd, suite 208  
 Lakewood, CO 80228  
 Phone Nbr: 720-274-4682 / 203-671-6034  
 Logged By: Geologist Name: Jeremy Schwartz

**NOTES**

The Schlessiger #1-25 well was drilled to an RTD of 3570', bottoming in the Arbuckle. A TookeDAQ gas detector unit was employed during the drilling of all prospective formations. Some slight shows were observed in the Lansing and Arbuckle.

One DST was conducted in the lower Lansing/Upper Arbuckle with negative results.

Based on the sample shows, lack of gas kicks, negative DST results, and log analysis, it was determined by all parties involved that the well be plugged.

The samples were saved and deposited at the Kansas Geological Survey well sample library, located in Wichita, Kansas for further review.

Respectfully submitted,  
 Jeremy Schwartz  
 Geologist

**DAILY DRILLING REPORT**

| DATE       | 7:00 AM DEPTH | REMARKS   |
|------------|---------------|---|
| 10/15/2012 |               | geologist Jeremy Schwartz on location @ 1500 hrs, drilling Topeka, Heebner Toronto, Douglas, Lansing  |
| 10/16/2012 | 3314          | drilling ahead, LKC, run short trip at 3340', drilled through Conglomerate and into Arbuckle. Show in Arbuckle warrants test  |
| 10/17/2012 | 3330          | Completion DST #1, run DST #2, DST #3, DST #4, DST #5, DST #6, DST #7, DST #8, DST #9, DST #10, DST #11, DST #12, DST #13, DST #14, DST #15, DST #16, DST #17, DST #18, DST #19, DST #20, DST #21, DST #22, DST #23, DST #24, DST #25, DST #26, DST #27, DST #28, DST #29, DST #30, DST #31, DST #32, DST #33, DST #34, DST #35, DST #36, DST #37, DST #38, DST #39, DST #40, DST #41, DST #42, DST #43, DST #44, DST #45, DST #46, DST #47, DST #48, DST #49, DST #50, DST #51, DST #52, DST #53, DST #54, DST #55, DST #56, DST #57, DST #58, DST #59, DST #60, DST #61, DST #62, DST #63, DST #64, DST #65, DST #66, DST #67, DST #68, DST #69, DST #70, DST #71, DST #72, DST #73, DST #74, DST #75, DST #76, DST #77, DST #78, DST #79, DST #80, DST #81, DST #82, DST #83, DST #84, DST #85, DST #86, DST #87, DST #88, DST #89, DST #90, DST #91, DST #92, DST #93, DST #94, DST #95, DST #96, DST #97, DST #98, DST #99, DST #100 |

**WELL COMPARISON SHEET**

| DRILLING WELL<br>Shelby Resources LLC. # 1-25 Schlessiger<br>1755' FSL & 980' FEL<br>Sec. 25 T17S R14W |        |         |      |         | COMPARISON WELL<br>Sam Gary #1-25 Schlessiger<br>1500' FSL & 1500' FEL<br>Sec. 25 T17S R14W |         |                         |      | COMPARISON WELL<br>L.D. Drilling #1-25 John<br>330' FSL & 330' FEL<br>Sec. 25 T17S R14W |         |                         |       |
|--|--------|---------|------|---------|---|---------|-------------------------|------|---|---------|-------------------------|-------|
| 1881 KB  |        |         |      |         | 1884 KB   |         | Structural Relationship |      | 1883 KB   |         | Structural Relationship |       |
| Formation  | Sample | Sub-Sea | Log  | Sub-Sea | Log   | Sub-Sea | Sample                  | Log  | Log   | Sub-Sea | Sample                  | Log   |
| Anhydrite  | 833    | 1048    | 832  | 1049    |   | 1884    | -836                    | -835 |   | 830     | 1053                    | -4    |
| Topeka   | 2819   | -938    | 2817 | -936    | 2826  | -942    | 4                       | 6    |   | 2814    | -931                    | -7    |
| Heebner  | 3062   | -1181   | 3057 | -1176   | 3066  | -1182   | 1                       | 6    |   | 3061    | -1178                   | -3    |
| Douglas  | 3086   | -1205   | 3083 | -1202   | 3092  | -1208   | 3                       | 6    |   | 3085    | -1202                   | -3    |
| Brown Lime   | 3140   | -1259   | 3137 | -1256   | 3144  | -1260   | 1                       | 4    |   | 3140    | -1257                   | -2    |
| Lansing  | 3151   | -1270   | 3148 | -1267   | 3154  | -1270   | 0                       | 3    |   | 3150    | -1267                   | -3    |
| Lansing H  | 3277   | -1396   | 3173 | -1292   | 3282  | -1398   | 2                       | 106  |   | 3285    | -1402                   | 6     |
| Stark  | 3326   | -1445   | 3323 | -1442   | 3331  | -1447   | 2                       | 5    |   | 3338    | -1455                   | 10    |
| Arbuckle   | 3380   | -1499   | 3381 | -1500   | 3386  | -1502   | 3                       | 2    |   |         | 1883                    | -3382 |
| Total Depth  | 3475   | -1594   | 3474 | -1593   | 3480  | -1596   | 2                       | 3    |   | 3395    | -1512                   | -82   |

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: Latitude:  
 N/S Co-ord: 1755' FSL  
 E/W Co-ord: 980' FEL

**CONTRACTOR**

Contractor: Sterling Drilling Co  
 Rig #: 4  
 Rig Type: mud rotary  
 Spud Date: 10/11/2012 Time: 3:45 AM  
 TD Date: 10/17/2012 Time: 12:30 PM  
 Rig Release: Time:

**ELEVATIONS**

K.B. Elevation: 1881.00ft Ground Elevation: 1872.00ft  
 K.B. to Ground: 9.00ft

**ROCK TYPES**









|          |            |            |            |
|----------|------------|------------|------------|
| Cht vari | Dolprim    | Shgy       | shale, red |
| Congl    | Lmst fw<7  | shale, gry |            |
| Chtcongl | shale, grn | Carbon Sh  |            |

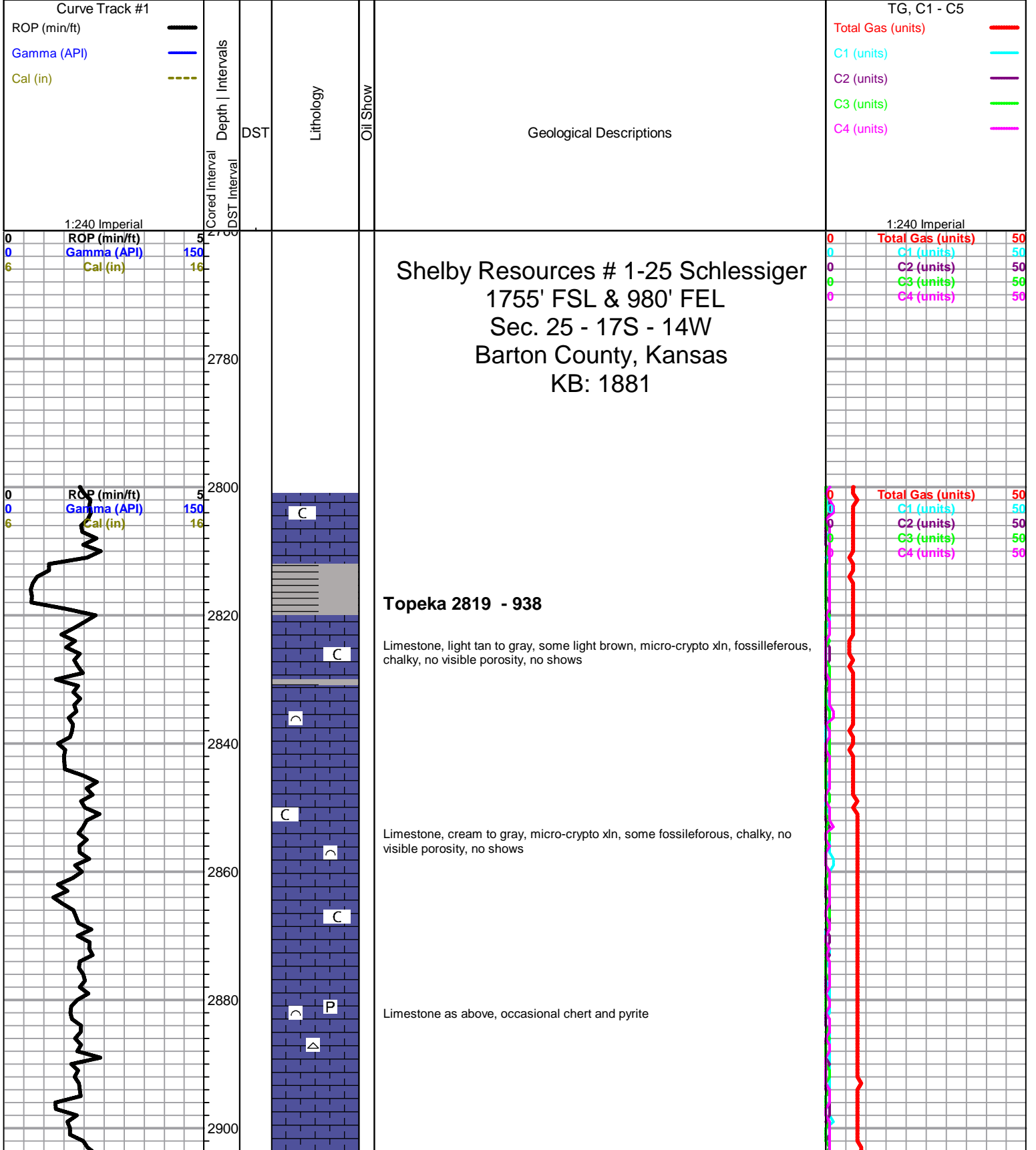
**ACCESSORIES**

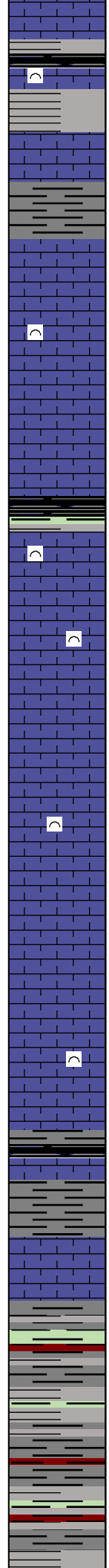
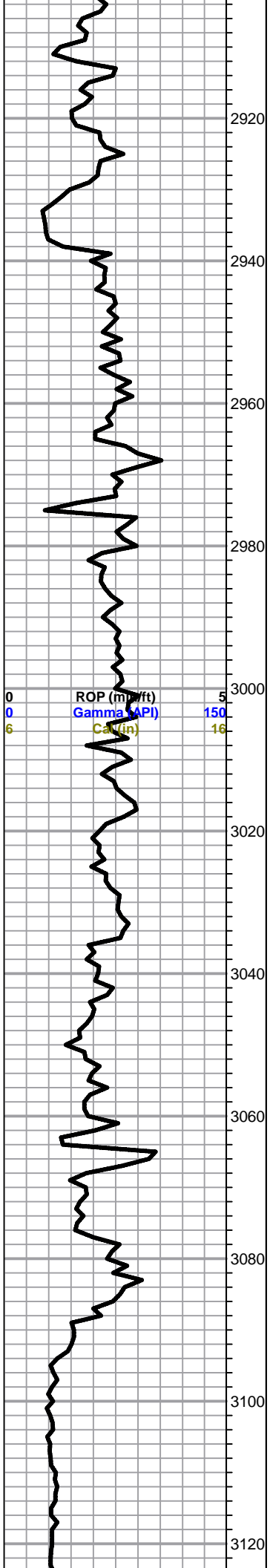
|                     |                            |                |
|---------------------|----------------------------|----------------|
| <b>MINERAL</b>      | <b>FOSSIL</b>              | <b>TEXTURE</b> |
| △ Chert White       | ∩ Bioclastic or Fragmental | C Chalky       |
| ∩ Varicolored chert | ∩ Bryozoa                  | L Lithogr      |
| P Pyrite            | ○ Oolites                  |                |

**OTHER SYMBOLS**

|               |            |
|---------------|------------|
| <b>MISC</b>   | <b>DST</b> |
| Daily Report  | DST Int    |
| Digital Photo | DST alt    |

-  Digital Note
-  Document
-  Folder
-  Link
-  Vertical Log File
-  Horizontal Log File
-  Core Log File
-  Drill Cuttings Rpt





**King Hill 2907 -1026**

Limestone, tan to gray, micro- crypto xln, fossil fragments, some gray and black shale, no visible porosity, no shows

Shale, light to dark gray

Limestone, cream to gray, micro-crypto xln, fossilleferous, no visible porosity, no shows

**Queen Hill 2973 -1092**

Limestone, tan to gray, micro-crypto xln, some fossiliferous, some gray to green shale, no visible porosity, no shows

Limestone as above, fossileferous, poor porosity, no shows

**Heebner 3062 -1181**

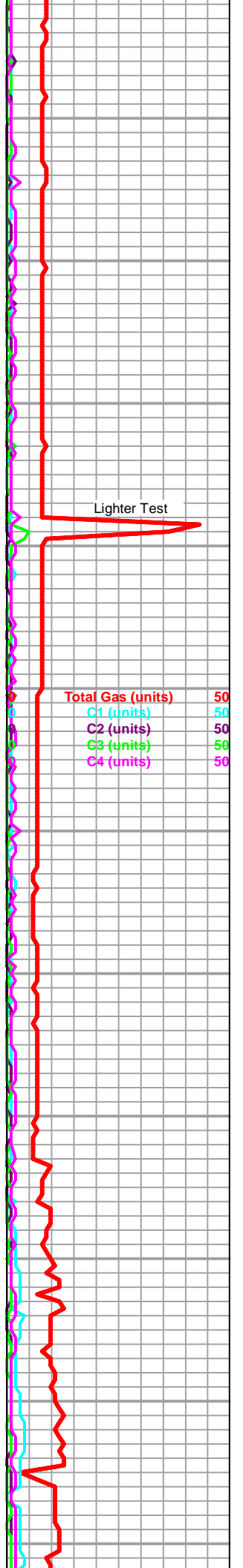
Shale, light gray to black carbonaceous, blocky, dense, some limestone, tan to gray, fossileferous

**Toronto 3077 -1197**

Limestone, cream to white, some light gray, micro-crypto xln, some chalk, poor porosity, no shows

**Douglas 3086 -1205**

Shale, light gray-grayish silver and green with some reddish brown, soft



3140  
3160  
3180  
3200  
3220  
3240  
3260  
3280  
3300  
3320  
3340

**Brown Lime 3140 -1259**

Limestone, brown to tan, micr-crypto xln, no shows

**Lansing 3151 - 1270**

limestone, cream to light gray, cryptocrystalline, dense, slightly fossiliferous, trace vuggy porosity, slight stain, slight show heavy free oil on break, no odor, no fluorescence, trace oolitic, dense, poor visible porosity, no show

as above,with: some gray pelletal, no porosity or shows

Limestone, gray, micro-crypto xln, gray oolitic, slightly oomoldic, poor porosity, slight stain, slight show free oil, faint odor, no fluorescence, fair green instant cut

Limestone, tan to cream, micro-crypto xln, dense, slightly fossiliferous, no visible porosity, slight show free oil, faint odor, no fluorescence

Limestone as above, trace chert

Limestone, cream, oolitic, some slight oomoldic, poor overall porosity, no show, with some cream to white limestone, chalky, fossiliferous, slight staining, slight show tarry, stringy oil, no odor in cup

Limestone, tan to cream, micro-crypto xln, fossiliferous to lithographic, dense, poor porosity, no shows or odor

Black carbonaceous shale

Limestone, cream to gray, oolitic, some light brown, micro-crypto xln, fossiliferous slight spotty solution vug staining, very faint odor

Limestone, cream to tan, some light brown, micro-crypto xln, fossiliferous poor porosity, no shows, no odor

Limestone, cream to light gray, micro-crypto xln, fossiliferous, some oolites, fair staining and saturation, good solution vugs, milky white cut, no odor in cup

**Stark Shale 3326 -1445**

Shale, gray to green, soft

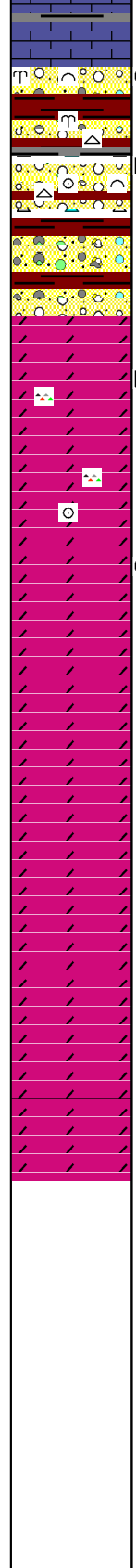
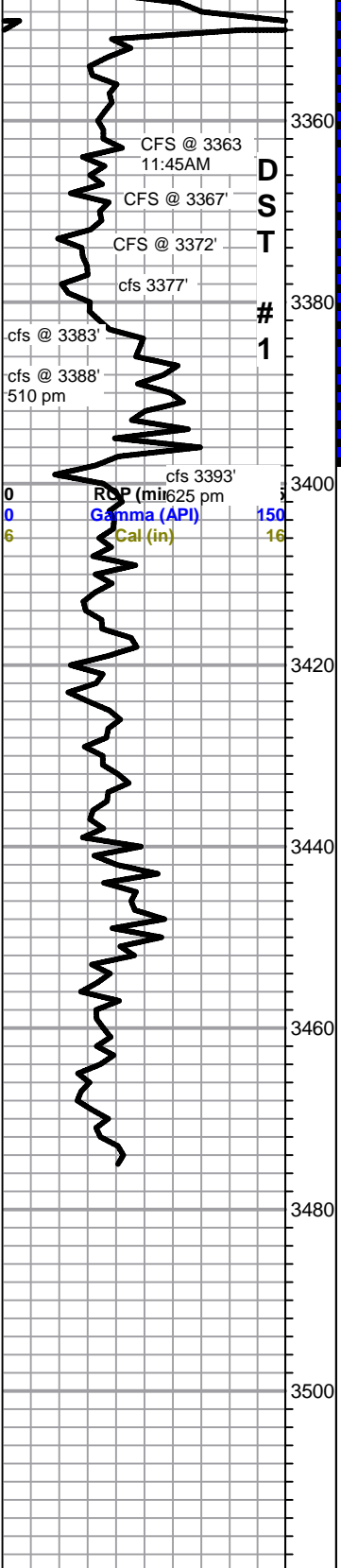
Limestone, cream to tan, micro-crypto xln, no shows, no odor

RO (min/ft) 5  
Gamma (API) 150  
Cal (mm) 16

CFS @ 3229  
1:30AM  
1016/12

short trip  
CFS @ 3340  
8:45AM

Total Gas (units) 50  
C1 (units) 50  
C2 (units) 50  
C3 (units) 50  
C4 (units) 50



conglomerate, red shale, cream broken limestone, with bryozoan fans, oolitic and fossiliferous (bryozoans) translucent cherts, stain on 1 specimen limestone

D Conglomerate, abundant red shale, limestone, cream, fossiliferous, increase in cherts oolitic translucent/white chert, spotty show scaley oil sheen, poor overall porosity, no odor in cup

As above, influx orange chert, no shows, no odor

Schlessiger 1-25 DST#1.jpg

**Arbuckle 3380 -1499**

D limestone, light gray, micro-xln, re-worked, re-crystallized in part, cherty, dense, spotty black dead stain, no show free oil, faint odor

as above, with dolomite, gray to light gray, micro-xln, rhombic, trace oolitic, trace inter-xln porosity, scattered light brown to black dead stain, no show free oil, fleeting odor, abundant mixed to oolitic cherts

3393 cfs samples, as above, slight increase in stain, very slight show free oil, very faint odor, pale green/white mineral fluorescence, slow milky cut and halo

3398 Dolomite, light gray to gray, micro-xln, trace oolitic chert, trace inter-xln porosity, no shows, no odor

Dolomite, tan to cream, micro-xln, some slight inter-xln porosity, overall poor porosity, no shows, no odor

Dolomite, cream, micro-xln, trace chert, poor porosity, no shows, no odor

Dolomite, cream to white, micro-xln, poor overall porosity, no shows, no odor

Mud-Co Mud Check  
3336@8:15AM  
10/16/12  
Vis: 50, Wt: 9.3  
PV: 16, YP: 10  
WL: 7.6, Cake: 1/32  
CHL: 5500ppm  
Ca: 40ppm, pH: 10.0  
Sol C: 6.8 LCM: 0  
DMC: \$1402.25  
CMG: \$9257.30

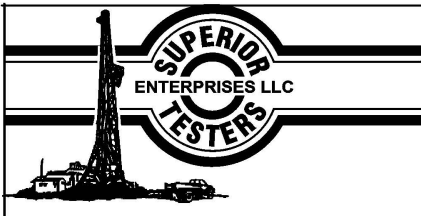
|                   |    |
|-------------------|----|
| Total Gas (units) | 50 |
| C1 (units)        | 50 |
| C2 (units)        | 50 |
| C3 (units)        | 50 |
| C4 (units)        | 50 |

**RTD 3475 (-1594)**

Rotary TD @ 3475 @ 12:30PM 10/17/12  
Superior Well Services Logging TD @ 3474



Schlessiger 1-25 DST#1.jpg



**DRILL STEM TEST REPORT**

Shelby Resources  
 2717 Canal Blvd. Hays Kansas 67601  
 ATTN: Keith Reavis

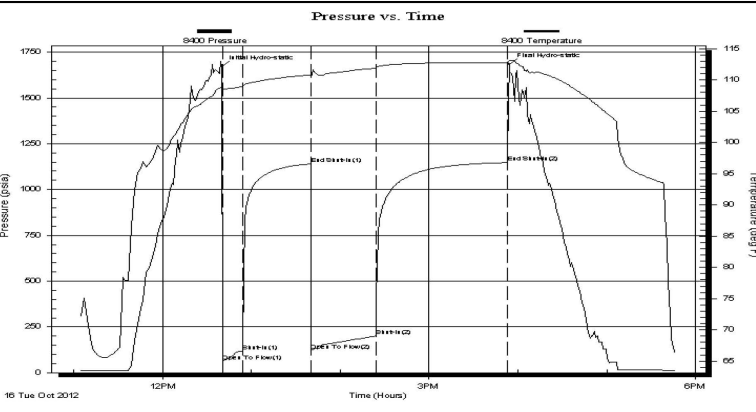
**25-17s-14w-rtonBa**  
**Schlessiger 1-25**  
 Job Ticket: 17860 **DST#: 1**  
 Test Start: 2012.10.16 @ 11:04:00

**GENERAL INFORMATION:**

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 12:40:30 Tester: Dustin Ellis  
 Time Test Ended: 17:47:00 Unit No: 3315-Great Bend-32  
**Interval: 3337.00 ft (KB) To 3398.00 ft (KB) (TVD)**  
 Total Depth: 3398.00 ft (KB) (TVD) Reference Elevations: 1878.00 ft (KB)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 1872.00 ft (CF)  
 6.00 ft

**Serial #: 8400 Outside**  
 Press@RunDepth: 199.84 psia @ 3395.37 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.10.16 End Date: 2012.10.16 Last Calib.: 2012.10.17  
 Start Time: 11:04:00 End Time: 17:47:00 Time On Btm: 2012.10.16 @ 12:40:00  
 Time Off Btm: 2012.10.16 @ 15:54:00

**TEST COMMENT:** 1st Open 15 minutes Fair building blow blew 5 inches into bucket of water.  
 1st Shut in 45 minutes No blow back.  
 2nd Open 45 minutes Fair building blow blew bottom bucket 31 minutes.  
 2nd Shut in 90 minutes No blow back.



| PRESSURE SUMMARY |                 |              |                      |
|------------------|-----------------|--------------|----------------------|
| Time (Min.)      | Pressure (psia) | Temp (deg F) | Annotation           |
| 0                | 1668.95         | 108.94       | Initial Hydro-static |
| 1                | 60.58           | 108.43       | Open To Flow (1)     |
| 14               | 117.24          | 108.91       | Shut-In(1)           |
| 60               | 1139.75         | 110.78       | End Shut-In(1)       |
| 61               | 122.29          | 110.41       | Open To Flow (2)     |
| 104              | 199.84          | 111.87       | Shut-In(2)           |
| 193              | 1147.06         | 112.78       | End Shut-In(2)       |
| 194              | 1683.84         | 113.11       | Final Hydro-static   |

| Recovery    |                            |              |
|-------------|----------------------------|--------------|
| Length (ft) | Description                | Volume (bbl) |
| 248.00      | Muddy water 95%Mud 5%Water | 1.51         |
|             |                            |              |
|             |                            |              |
|             |                            |              |
|             |                            |              |

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

# 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. 6076

|      |          |      |    |      |    |       |    |        |        |       |    |             |         |        |      |
|------|----------|------|----|------|----|-------|----|--------|--------|-------|----|-------------|---------|--------|------|
| Date | 10-12-12 | Sec. | 27 | Twp. | 17 | Range | 14 | County | Barton | State | KS | On Location | 2.30 pm | Finish | 4.15 |
|------|----------|------|----|------|----|-------|----|--------|--------|-------|----|-------------|---------|--------|------|

Lease Schlessinger Location Haisington 2w 1/4 W Winto  
Well No. 1-25

Contractor Stefling #4  
Type Job Surface  
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.

Hole Size 12 1/4 T.D. 850 Charge To Shelby Resources  
Csg. 8 3/8 Depth 852 Street

Tbg. Size Depth City State  
Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 44 ft Shoe Joint 44 ft Cement Amount Ordered 350 6/40 3%CC  
Meas Line Displace 51.5 BBL 2%gel

| EQUIPMENT |           |                     |              |
|-----------|-----------|---------------------|--------------|
| Pumptrk   | 9         | No. Cementer Helper | <u>mitt</u>  |
| Bulktrk   | 13        | No. Driver          | <u>Brett</u> |
| Bulktrk   | <u>pu</u> | No. Driver          | <u>levi</u>  |
|           |           | No. Driver          |              |

Common 250210  
Poz. Mix 140  
Gel. 7  
Calcium 13

Remarks: Hulls  
Salt

Rat Hole Flowseal  
Mouse Hole Kol-Seal  
Centralizers Mud CLR 48

Baskets CFL-117 or CD110 CAF 38  
D/V or Port Collar Sand

Handling 370 370 370  
Mileage

Cement did circulate

FLOAT EQUIPMENT  
Guide Shoe 85/8

Centralizer  
Baskets  
AFU Inserts  
Float Shoe

Latch Down 1 Baffle plate  
Bubble Plug

Pumptrk Charge Long Surface  
Mileage 15

Tax  
Discount

Total Charge

X Signature Wm J. Salge

# QUALITY WELL SERVICE, INC.

5733

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

|                                     |             |      |          |      |      |       |          |   |        |       |    |                        |  |        |             |                                |                    |  |  |  |
|-------------------------------------|-------------|------|----------|------|------|-------|----------|---|--------|-------|----|------------------------|--|--------|-------------|--------------------------------|--------------------|--|--|--|
| Date                                | 10-18-12    | Sec. | 25       | Twp. | 17   | Range | 14       | County  | Barton | State | KS | On Location            |  | Finish | 2:45-3:15pm |                                |                    |  |  |  |
| Lease                               | Schlessiger |      | Well No. |      | 1-25 |       | Location |   |        |       |    |                        |  |        |             | 11051ngton, KS 2W 1/4 N W into |                    |  |  |  |
| Contractor                          | Sterling #4 |      |          |      |      |       |          | Owner   |        |       |    |                        |  |        |             |                                |                    |  |  |  |
| Type Job                            | Rotary plug |      |          |      |      |       |          | To Quality Well Service, Inc.<br>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                           | T.D. 3476   |      |          |      |      |       |          | Charge To   |        |       |    |                        |  |        |             |                                | shelby             |  |  |  |
| Csg.                                | Depth       |      |          |      |      |       |          | Street  |        |       |    |                        |  |        |             |                                |                    |  |  |  |
| Tbg. Size                           | Depth       |      |          |      |      |       |          | City  |        |       |    |                        |  |        |             |                                | State              |  |  |  |
| Tool                                | Depth       |      |          |      |      |       |          | City  |        |       |    |                        |  |        |             |                                | State              |  |  |  |
| Cement Left in Csg.                 | Shoe Joint  |      |          |      |      |       |          | The above was done to satisfaction and supervision of owner agent or contractor.  |        |       |    |                        |  |        |             |                                |                    |  |  |  |
| Meas Line                           | Displace    |      |          |      |      |       |          | Cement Amount Ordered   |        |       |    |                        |  |        |             |                                | 185sx 60/40 4% gel |  |  |  |
| <b>EQUIPMENT</b>                    |             |      |          |      |      |       |          |   |        |       |    | 1/4" # F10             |  |        |             |                                |                    |  |  |  |
| Pumptrk                             | No.         | 8    | Cody     |      |      |       |          | Common  |        |       |    |                        |  |        |             |                                | 115                |  |  |  |
| Bulktrk                             | No.         | 10   | Sean     |      |      |       |          | Poz. Mix  |        |       |    |                        |  |        |             |                                | 70                 |  |  |  |
| Bulktrk                             | No.         |      |          |      |      |       |          | Gel.  |        |       |    |                        |  |        |             |                                | 6                  |  |  |  |
| Pickup                              | No.         |      |          |      |      |       |          | Calcium   |        |       |    |                        |  |        |             |                                |                    |  |  |  |
| <b>JOB SERVICES &amp; REMARKS</b>   |             |      |          |      |      |       |          |   |        |       |    | Hulls                  |  |        |             |                                |                    |  |  |  |
| Rat Hole                            | 30sx        |      |          |      |      |       |          | Salt  |        |       |    |                        |  |        |             |                                |                    |  |  |  |
| Mouse Hole                          |             |      |          |      |      |       |          | Flowseal  |        |       |    |                        |  |        |             |                                | 46.25              |  |  |  |
| Centralizers                        |             |      |          |      |      |       |          | Kol-Seal  |        |       |    |                        |  |        |             |                                |                    |  |  |  |
| Baskets                             |             |      |          |      |      |       |          | Mud CLR 48  |        |       |    |                        |  |        |             |                                |                    |  |  |  |
| D/V or Port Collar                  |             |      |          |      |      |       |          | CFL-117 or CD110 CAF 38   |        |       |    |                        |  |        |             |                                |                    |  |  |  |
| 1st plug @ 3360 = 25sx              |             |      |          |      |      |       |          |   |        |       |    | Sand                   |  |        |             |                                |                    |  |  |  |
| 2nd plug @ 900 = 40sx               |             |      |          |      |      |       |          |   |        |       |    | Handling               |  |        |             | 191                            |                    |  |  |  |
| 3rd plug @ 350 = 80sx               |             |      |          |      |      |       |          |   |        |       |    | Mileage                |  |        |             | 15                             |                    |  |  |  |
| 4th plug @ 40 = 10sx and wiper plug |             |      |          |      |      |       |          |   |        |       |    | <b>FLOAT EQUIPMENT</b> |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | Guide Shoe             |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | Centralizer            |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | Baskets                |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | AFU Inserts            |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | Float Shoe             |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | Latch Down             |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | 8 5/8 Dry hole plug    |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | Pumptrk Charge         |  |        |             | Rotary Plug                    |                    |  |  |  |
| Thank You!!                         |             |      |          |      |      |       |          |   |        |       |    | Mileage                |  |        |             | 15                             |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | Tax                    |  |        |             |                                |                    |  |  |  |
|                                     |             |      |          |      |      |       |          |   |        |       |    | Discount               |  |        |             |                                |                    |  |  |  |
| X Signature                         |             |      |          |      |      |       |          |   |        |       |    | Total Charge           |  |        |             |                                |                    |  |  |  |