



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1094579  
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<br>Recompletion Date | Date Reached TD | Completion Date or<br>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: \_\_\_\_\_



1094579

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<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><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 |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><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<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: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

|   |  |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method:<br><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 |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   |           |         |             |               |         |

|  |  |   |
|--|--|---|
| <b>DISPOSITION OF GAS:</b><br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | <b>METHOD OF COMPLETION:</b><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> _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--|--|---|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | Beren Corporation      |
| Well Name | Don A 5-22             |
| Doc ID    | 1094579                |

Tops

| Name            | Top  | Datum |
|-----------------|------|-------|
| Heebner         | 3988 | -1527 |
| Lansing/KS City | 4043 | -1582 |
| Stark           | 4342 | -1881 |
| Hushpuckney     | 4380 | -1919 |
| KS City (base)  | 4453 | -1992 |
| Marmaton        | 4476 | -2015 |
| Pawnee          | 4537 | -2076 |
| Ft. Scott       | 4603 | -2142 |
| Mississippi     | 4688 | -2227 |
| RTD             | 4803 |       |
| LTD             | 4806 |       |

# QUALITY WELL SERVICE, INC.

5576

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   | 8-30-12 | Sec.     | 22     | Twp.  | 23       | Range      | 24 | County | Hodgeman | State | KS                           | On Location   | 8:00am | Finish | 3:00-3:30 |                    |  |
| Lease  | Don A.  | Well No. | 5-22   |       | Location |            |    |        |          |       | Jetmore, ks 2W 4 1/2 S Winto |   |        |        |           |                    |  |
| Contractor   |         |          |        |       |          | Beredco    |    |        |          |       |                              | Owner   |        |        |           |                    |  |
| Type Job   |         |          |        |       |          | Surface    |    |        |          |       |                              | 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  |         |          | 12 1/4 |       |          | T.D.       |    |        | 318      |       |                              | Charge To   |        |        |           |                    |  |
| Csg.   |         |          | 8 5/8  |       |          | Depth      |    |        | 316.34   |       |                              | To Berexco  |        |        |           |                    |  |
| Tbg. Size  |         |          |        |       |          | Depth      |    |        |          |       |                              | Street  |        |        |           |                    |  |
| Tool   |         |          |        |       |          | Depth      |    |        |          |       |                              | City State  |        |        |           |                    |  |
| Cement Left in Csg.  |         |          | 20ft   |       |          | Shoe Joint |    |        |          |       |                              | The above was done to satisfaction and supervision of owner agent or contractor.  |        |        |           |                    |  |
| Meas Line  |         |          |        |       |          | Displace   |    |        | 18.8     |       |                              | Cement Amount Ordered   |        |        |           |                    |  |
|  |         |          |        |       |          |            |    |        |          |       |                              | 250 sk com 3 1/2 cc 2 1/2 cc  |        |        |           |                    |  |
| <b>EQUIPMENT</b>   |         |          |        |       |          |            |    |        |          |       | 1/4 C.F.                     |   |        |        |           |                    |  |
| Pumptrk  | No.     | 8        |        | Cody  |          | Common     |    |        |          |       | 250                          |   |        |        |           |                    |  |
| Bulktrk  | No.     | 10       |        | mike  |          | Poz. Mix   |    |        |          |       |                              |   |        |        |           |                    |  |
| Bulktrk  | No.     |          |        |       |          | Gel.       |    |        |          |       | 5                            |   |        |        |           |                    |  |
| Pickup   | No.     |          |        | Heath |          | Calcium    |    |        |          |       | 9                            |   |        |        |           |                    |  |
| <b>JOB SERVICES &amp; REMARKS</b>  |         |          |        |       |          |            |    |        |          |       | Hulls                        |   |        |        |           |                    |  |
| Rat Hole   |         |          |        |       |          |            |    |        |          |       | Salt                         |   |        |        |           |                    |  |
| Mouse Hole   |         |          |        |       |          |            |    |        |          |       | Flowseal                     |   |        |        |           | 62.50              |  |
| Centralizers   |         |          |        |       |          |            |    |        |          |       | Kol-Seal                     |   |        |        |           |                    |  |
| Baskets  |         |          |        |       |          |            |    |        |          |       | Mud CLR 48                   |   |        |        |           |                    |  |
| D/V or Port Collar   |         |          |        |       |          |            |    |        |          |       | CFL-117 or CD110 CAF 38      |   |        |        |           |                    |  |
| Ran 7 JFS of 8 5/8 casing & landing<br>st                                      |         |          |        |       |          |            |    |        |          |       | Sand                         |   |        |        |           | 2 Additional Hours |  |
|  |         |          |        |       |          |            |    |        |          |       | Handling                     |   |        |        |           | 264                |  |
|  |         |          |        |       |          |            |    |        |          |       | Mileage                      |   |        |        |           | 35                 |  |
| Est Circulation with mud pump  |         |          |        |       |          |            |    |        |          |       | <b>FLOAT EQUIPMENT</b>       |   |        |        |           |                    |  |
|  |         |          |        |       |          |            |    |        |          |       | Guide Shoe                   |   |        |        |           |                    |  |
|  |         |          |        |       |          |            |    |        |          |       | Centralizer                  |   |        |        |           |                    |  |
| Hooked up and mixed 250 sk<br>and disp with 18.8 bbl H2O - shut<br>in @ 200psi |         |          |        |       |          |            |    |        |          |       | Baskets                      |   |        |        |           |                    |  |
|  |         |          |        |       |          |            |    |        |          |       | AFU Inserts                  |   |        |        |           |                    |  |
|  |         |          |        |       |          |            |    |        |          |       | Float Shoe                   |   |        |        |           |                    |  |
|  |         |          |        |       |          |            |    |        |          |       | Latch Down                   |   |        |        |           |                    |  |
| Cement did Circulate!  |         |          |        |       |          |            |    |        |          |       | Pumptrk Charge               |   |        |        |           | Surface            |  |
|  |         |          |        |       |          |            |    |        |          |       | Mileage                      |   |        |        |           | 35                 |  |
| Thank You!   |         |          |        |       |          |            |    |        |          |       |                              |   |        |        |           | Tax                |  |
| X<br>Signature <i>[Signature]</i>  |         |          |        |       |          |            |    |        |          |       |                              |   |        |        |           | Discount           |  |
|  |         |          |        |       |          |            |    |        |          |       |                              |   |        |        |           | Total Charge       |  |

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



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

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

Sam Brownback, Governor

September 25, 2012

Bruce Meyer  
Beren Corporation  
2020 N. BRAMBLEWOOD  
WICHITA, KS 67206

Re: ACO1  
API 15-083-21841-00-00  
Don A 5-22  
SE/4 Sec.22-23S-24W  
Hodgeman County, Kansas

Dear Production Department:

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

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

Respectfully,  
Bruce Meyer



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N Bramblewood  
Wichita KS 67206-1094  
ATTN: David Gould

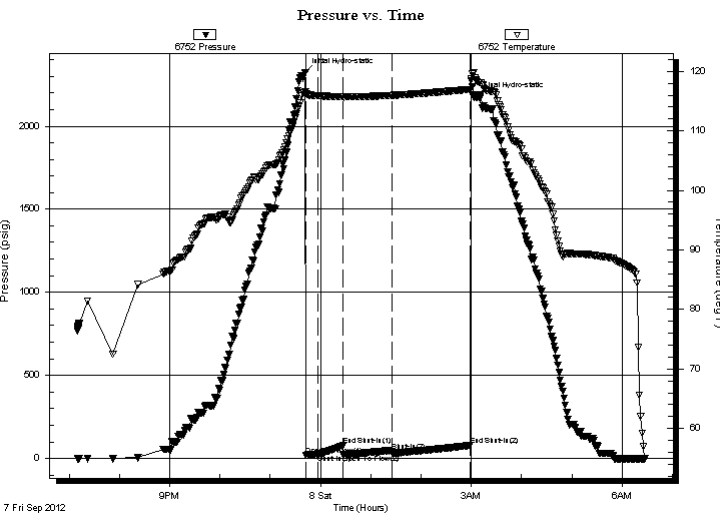
**22-23-24 Hodgeman, Ks**  
**Don A-5**  
Job Ticket: 49430      **DST#: 1**  
Test Start: 2012.09.07 @ 19:10:13

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 23:42:43  
Time Test Ended: 06:27:43  
Interval: **4690.00 ft (KB) To 4711.00 ft (KB) (TVD)**  
Total Depth: 4711.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brian Fairbank  
Unit No: 41  
Reference Elevations: 2461.00 ft (KB)  
2448.00 ft (CF)  
KB to GR/CF: 13.00 ft

**Serial #: 6752      Inside**  
Press @ Run Depth: 45.20 psig @ 4693.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.09.07      End Date: 2012.09.08      Last Calib.: 2012.09.08  
Start Time: 19:10:14      End Time: 06:27:43      Time On Btm: 2012.09.07 @ 23:41:43  
Time Off Btm: 2012.09.08 @ 03:05:13

**TEST COMMENT:** IFP - 3/4" blow - died 15 min  
ISI - no blow back  
FFP - no blow  
FSI - no blow back



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2323.61         | 116.51       | Initial Hydro-static |
| 1           | 20.94           | 116.22       | Open To Flow (1)     |
| 15          | 23.95           | 115.90       | Shut-In(1)           |
| 45          | 76.47           | 115.71       | End Shut-In(1)       |
| 46          | 24.46           | 115.69       | Open To Flow (2)     |
| 104         | 45.20           | 115.97       | Shut-In(2)           |
| 197         | 77.92           | 116.95       | End Shut-In(2)       |
| 204         | 2177.58         | 118.53       | Final Hydro-static   |

## Recovery

| Length (ft) | Description     | Volume (bbl) |
|-------------|-----------------|--------------|
| 10.00       | VSOCM 2%O, 98%M | 0.00         |
|             |                 |              |
|             |                 |              |
|             |                 |              |
|             |                 |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco LLC  
2020 N Bramblewood  
Wichita KS 67206-1094  
ATTN: David Gould

**22-23-24 Hodgeman, Ks**  
**Don A-5**  
Job Ticket: 49430      **DST#: 1**  
Test Start: 2012.09.07 @ 19:10:13

**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: 35.00 sec/qt           | Cushion Volume: bbl        |                 |         |
| Water Loss: 10.38 in <sup>3</sup> | Gas Cushion Type:          |                 |         |
| Resistivity: ohm.m                | Gas Cushion Pressure: psig |                 |         |
| Salinity: 3000.00 ppm             |                            |                 |         |
| Filter Cake: inches               |                            |                 |         |

**Recovery Information**

Recovery Table

| Length<br>ft | Description     | Volume<br>bbl |
|--------------|-----------------|---------------|
| 10.00        | VSOCM 2%O, 98%M | 0.000         |

Total Length: 10.00 ft      Total Volume: bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 6752

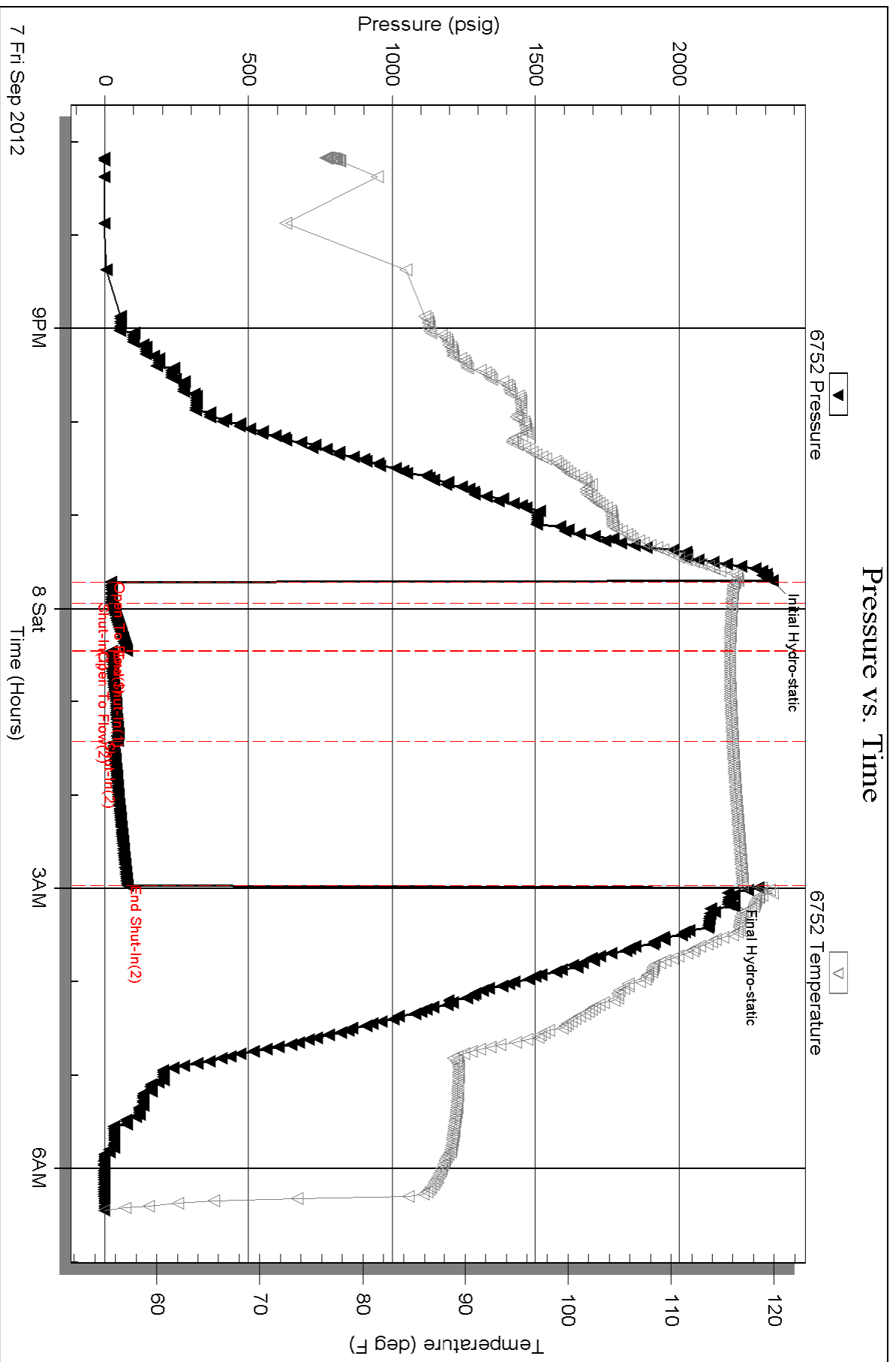
Inside

Berexco LLC

Don A-5

DST Test Number: 1

# Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49430

Printed: 2012.09.08 @ 06:53:12





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N Bramblewood  
Wichita KS 67206-1094  
ATTN: David Gould

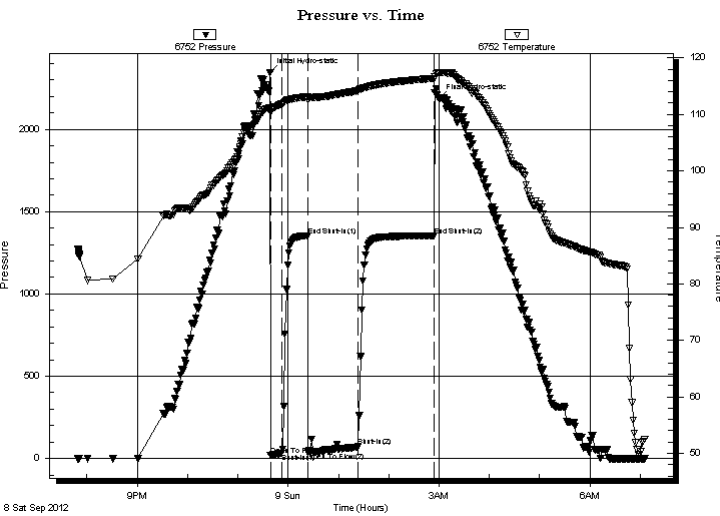
**22-23-24 Hodgeman, Ks**  
**Don A-5**  
Job Ticket: 49431      **DST#: 2**  
Test Start: 2012.09.08 @ 19:48:51

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 23:38:51  
Time Test Ended: 07:06:21  
Interval: **4690.00 ft (KB) To 4728.00 ft (KB) (TVD)**  
Total Depth: 4728.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brian Fairbank  
Unit No: 41  
Reference Elevations: 2461.00 ft (KB)  
2448.00 ft (CF)  
KB to GR/CF: 13.00 ft

**Serial #: 6752      Inside**  
Press @ Run Depth: 71.15 psig @ 4723.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.09.08      End Date: 2012.09.09      Last Calib.: 2012.09.09  
Start Time: 19:48:52      End Time: 07:06:21      Time On Btm: 2012.09.08 @ 23:38:21  
Time Off Btm: 2012.09.09 @ 02:59:51

**TEST COMMENT:** IFP - weak blow throughout 1/4" - 3/4"  
ISI - no blow back  
FFP - no blow 17 min - 3/4"  
FSI - no blow back



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2346.56         | 111.06       | Initial Hydro-static |
| 1           | 18.92           | 110.36       | Open To Flow (1)     |
| 14          | 30.78           | 111.86       | Shut-In(1)           |
| 45          | 1353.28         | 113.10       | End Shut-In(1)       |
| 46          | 37.90           | 112.55       | Open To Flow (2)     |
| 105         | 71.15           | 114.21       | Shut-In(2)           |
| 196         | 1353.34         | 116.38       | End Shut-In(2)       |
| 202         | 2189.62         | 117.38       | Final Hydro-static   |

## Recovery

| Length (ft) | Description   | Volume (bbl) |
|-------------|---------------|--------------|
| 95.00       | WM 10%W, 90%M | 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

Berexco LLC  
2020 N Bramblewood  
Wichita KS 67206-1094  
ATTN: David Gould

**22-23-24 Hodgeman, Ks**  
**Don A-5**  
Job Ticket: 49431      **DST#: 2**  
Test Start: 2012.09.08 @ 19:48:51

### Mud and Cushion Information

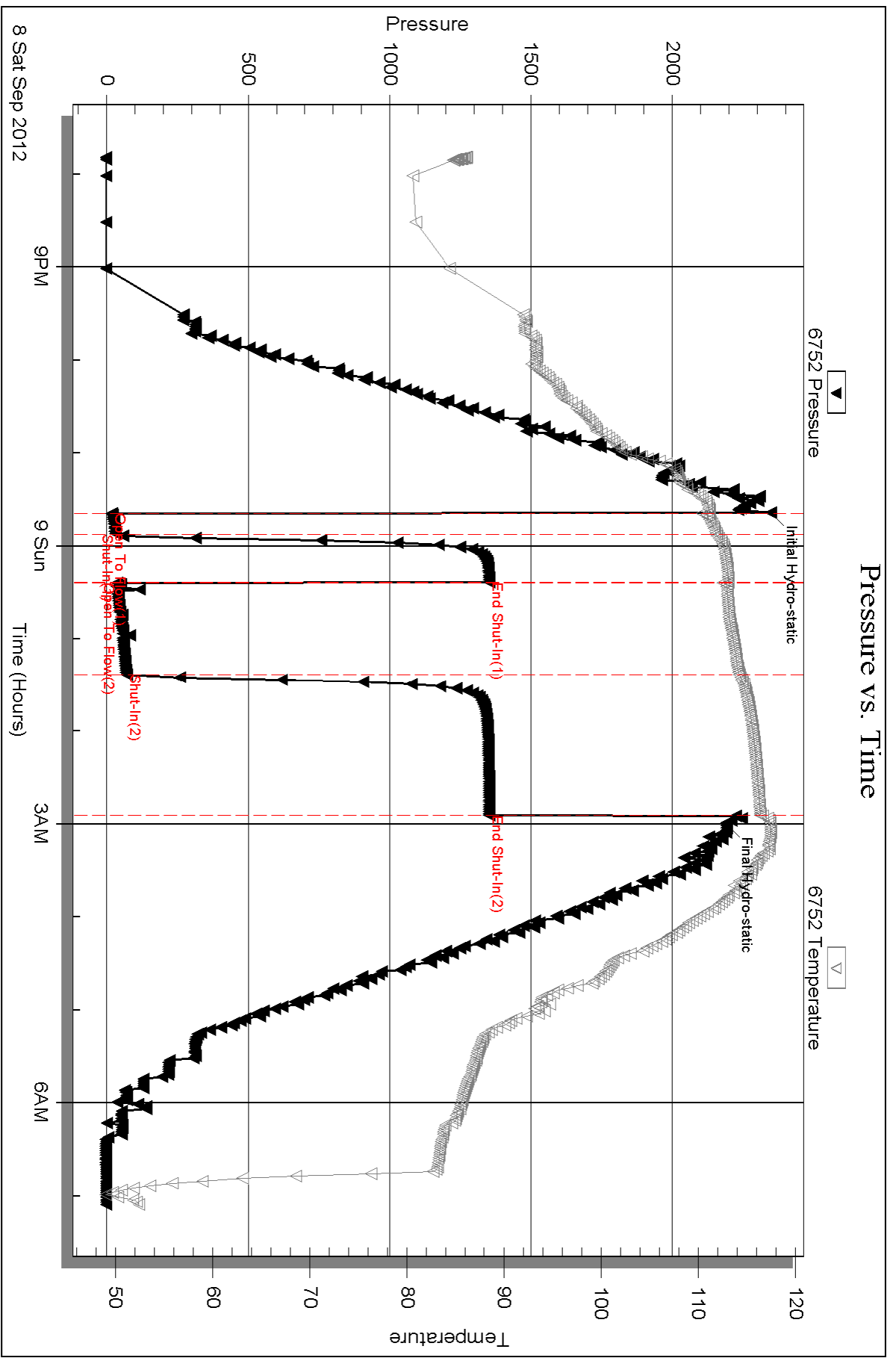
|                                   |                            |                 |           |
|-----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem                | Cushion Type:              | Oil API:        | deg API   |
| Mud Weight: 9.00 lb/gal           | Cushion Length: ft         | Water Salinity: | 26000 ppm |
| Viscosity: 43.00 sec/qt           | Cushion Volume: bbl        |                 |           |
| Water Loss: 10.37 in <sup>3</sup> | Gas Cushion Type:          |                 |           |
| Resistivity: ohm.m                | Gas Cushion Pressure: psig |                 |           |
| Salinity: 4000.00 ppm             |                            |                 |           |
| Filter Cake: inches               |                            |                 |           |

### Recovery Information

Recovery Table

| Length<br>ft | Description   | Volume<br>bbl |
|--------------|---------------|---------------|
| 95.00        | WM 10%W, 90%M | 0.000         |

Total Length: 95.00 ft      Total Volume: bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:





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

Well Name: DON A5  
Location: NW SE SE SE SEC. 22, 23S, 24W  
License Number: 34317, API# 15-083-21832  
Spud Date: 8/30/2012  
Surface Coordinates: 530' FROM SOUTH LINE OF SECTION  
570' FROM EAST LINE OF SECTION  
Bottom Hole Coordinates: 530' FROM SOUTH LINE OF SECTION  
570' FROM EAST LINE OF SECTION  
Ground Elevation (ft): 2448' K.B. Elevation (ft): 2461'  
Logged Interval (ft): 3900' To: 4803' Total Depth (ft): 4803'  
Formation: MISSISSIPPI  
Type of Drilling Fluid: CHEMICAL, ANDY'S MUD

Region: HODGEMAN CO. KS.

Drilling Completed: 9/10/2012

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

OPERATOR

Company: BEXEXO  
Address: 2020 NORTH BRAMBLEWOOD  
WICHITA, KANSAS 67206

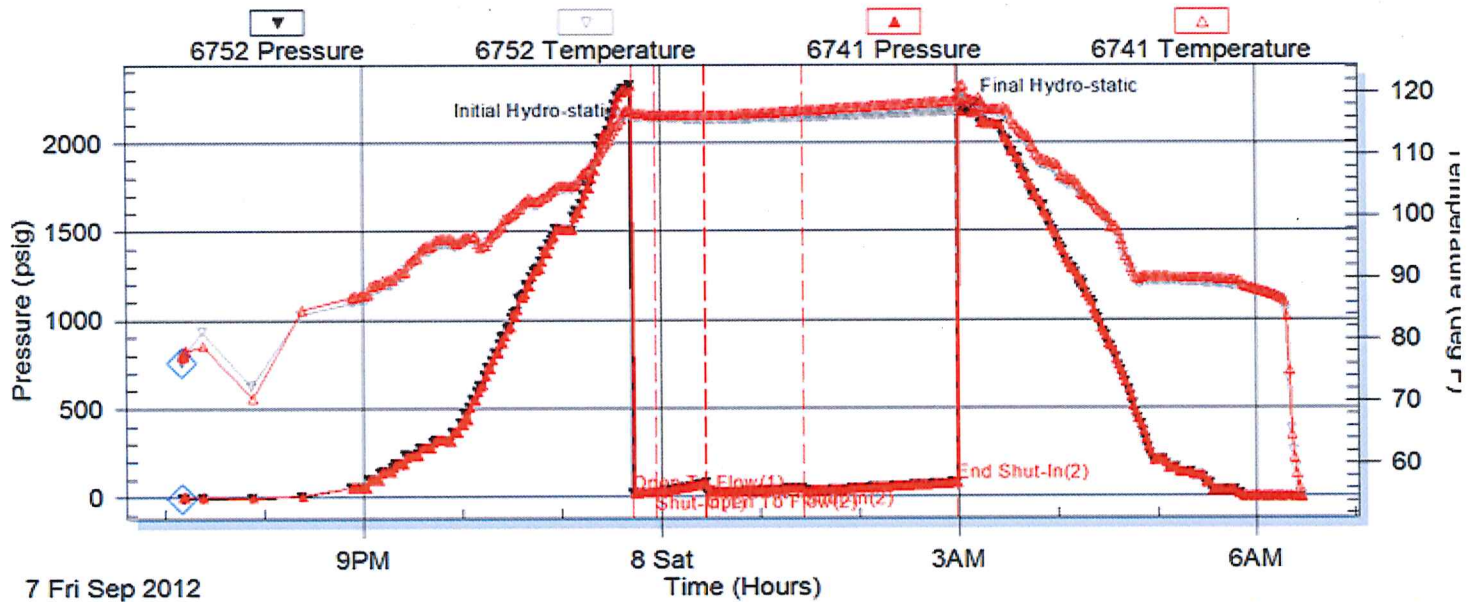
GEOLOGIST

Name: DAVID GOULD (LOGGER)  
Company: DMT COMPANY  
Address: 532 SUNRISE  
PRATT, KANSAS 67124

Well Name & No.: Don A #5 Company: Berexco Test No.: 1 Interval Tested: 4690 – 4711 Zone Tested: Mis  
 Blow Description: IFP: ¼" Blow died 15 min. ISI: No blow back FFP: No blow FSI: No blow back  
 Rec: 10 Feet of VSPOCM2% Oil, 98% Mud, Rec. Total: 10, BHT: 120  
 Initial Hydrostatic: 2324 First Initial Flow: 21 First Final Flow: 24 Initial Shut-In: 76  
 Second Initial Flow: 24 Second Final Flow: 45 Final Shut-In: 78 Final Hydrostatic: 2178 Times: 15-30-60-

9/8/2012 9:31, 870-484

Pressure vs. Time

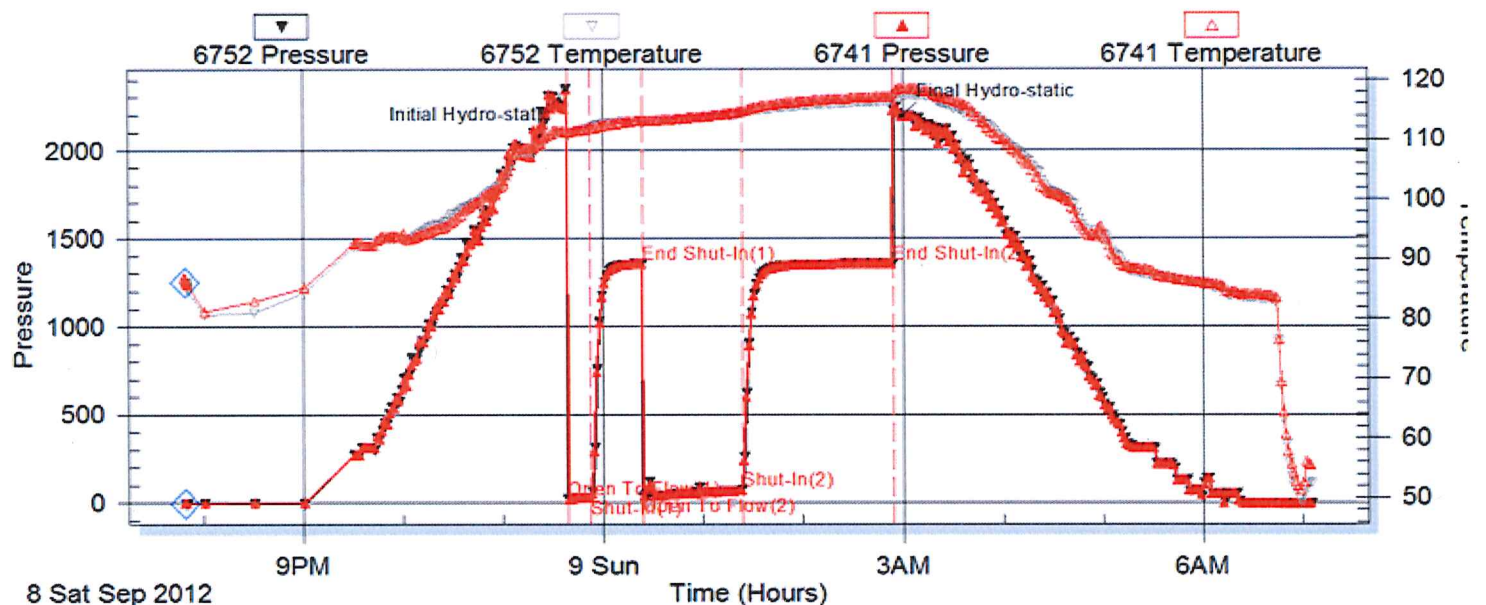


Gauge 6752: Displaying every 3 points.

Well Name & No.: Don A #5 Company: Berexco Test No.: 2 Interval Tested: 4690 – 4728 Zone Tested: Miss  
 Blow Description: IFP: Week blow throughout ¼" – ¾". ISI: No blow back FFP: No blow 17 min. ¾" FSI: No blow ba  
 Rec: 95 Feet of MW 10% Water, 90% Mud, Rec. Total: 95', BHT: 117  
 Initial Hydrostatic: 2347 First Initial Flow: 19 First Final Flow: 31 Initial Shut-In: 1353  
 Second Initial Flow: 38 Second Final Flow: 71 Final Shut-In: 1353 Final Hydrostatic: 2190 Times: 15-30-60-90-

9/8/2012 23:44, 1058-426

Pressure vs. Time



Gauge 6752: Displaying every 3 points.



Comments

CONTRACTOR:  
BEREDCO RIG #2

BIT RECORD:  
#1 12 1/4 Smith RR HO8276 IN @ 0' OUT @ 318'  
#2 7 7/8 SMITH F12Y PX6843 IN @ 318' OUT @ 4711'  
#3 7 7/8 SMITH F27IY IN @ 4711' OUT @

PIPE STRAP:  
4711' OFF 3.13 LONG




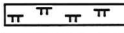
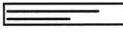
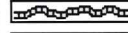




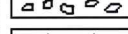
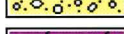

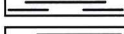
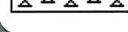


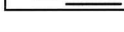
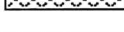
SURVEYS:  
318' 0 DEGREE  
2986' 1 DEGREE  
4711' 3/4 DEGREE  
4803' DEGREE

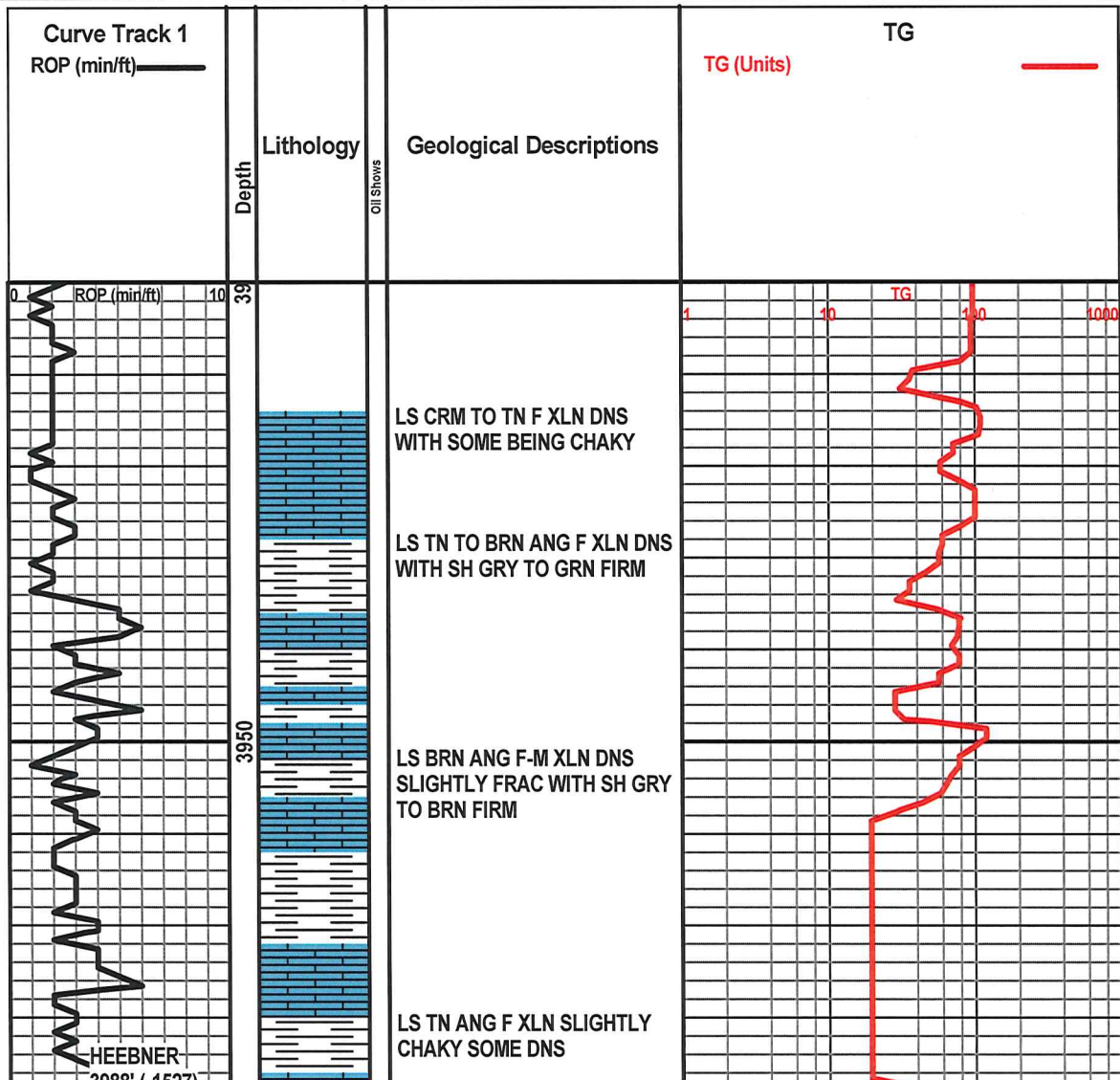
Tester:  
Trilobite

LOGGING:  
PIONEER (LOG TECH), DUAL INDUCTION, COMPENSATED NEUTRON DENSITY, AND MICRO

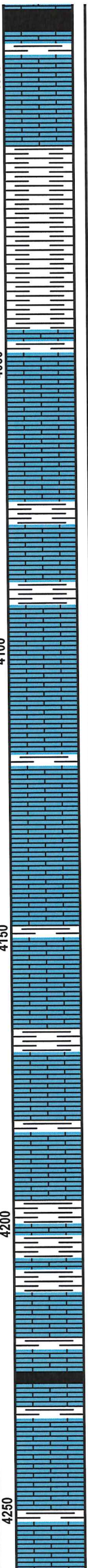
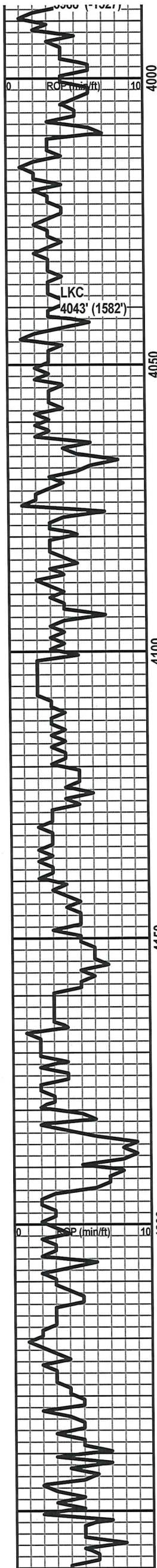
DAILY STATUS @ 7:00 AM:  
8/30/2012, 169' DRILL TO 318', SET CASING @ 296'  
8/31/2012, 584' DRILL AHEAD  
9/1/2012, 2020' DRILL AHEAD  
9/2/2012, 3090' DRILL AHEAD  
9/3/2012, 3630' DRILL AHEAD  
9/4/2012, 4069' DRILL AHEAD  
9/5/2012, 4142' DRILL AHEAD  
9/6/2012, 4412' DRILL AHEAD  
9/7/2012, 4702' DRILL AHEAD  
9/8/2012, 4711' DST #1, DRILL AHEAD  
9/9/2012, 4724' DRILL TO 4728', DST #2, DRILL AHEAD

ROCK TYPES

|   |   |  |  |  |
|---|---|--|--|--|
|  Anhy |  Clyst |  Gyp  |  Mrlst |  Shgy   |
|  Bent |  Coal  |  Igne |  Salt  |  Slstst |
|  Brec |  Congl |  Lmst |  Shale |  Ss     |
|  Cht  |  Dol   |  Meta |  Shcol |  Till   |







SH BLK CARB

LS TN TO BRN ANG DNS WITH SH GRY FIRM WITH TR PYRITE

LS LT GRY F XLN SLIGHTLY CHERTY V DNS FOSS NS

LS BRN TO DRK TN F XLN P PIN POINT POR DNS NS WITH SH GRY TO BRN FIRM

LS AA WITH LS LT TN ANY CHAKY F XLN NS WITH SH GRY ANG FIRM

LS CRM TO LT TN F XLN ANG DNS NS WITH SH AA

LS AA WIT CHERT WHT TO LT TN ANG SHARP V DNS WITH SH GRY

SH GRY TO BLK WITH LS BRN F XLN DNS SLIGHTLY FOSS NS

LS LT BRN ANG F XLN DNS CHERTY WITH SH GRN TO GRY FIRM

LS TN ANG F XLN FOSS DNS NS WITH INTERBEDED PYRITE WITH LS WHT CHAKY WITH SH GRN TO GRY FIRM

LS CRM TO TN TO BRN F-M XLN ANG DNS

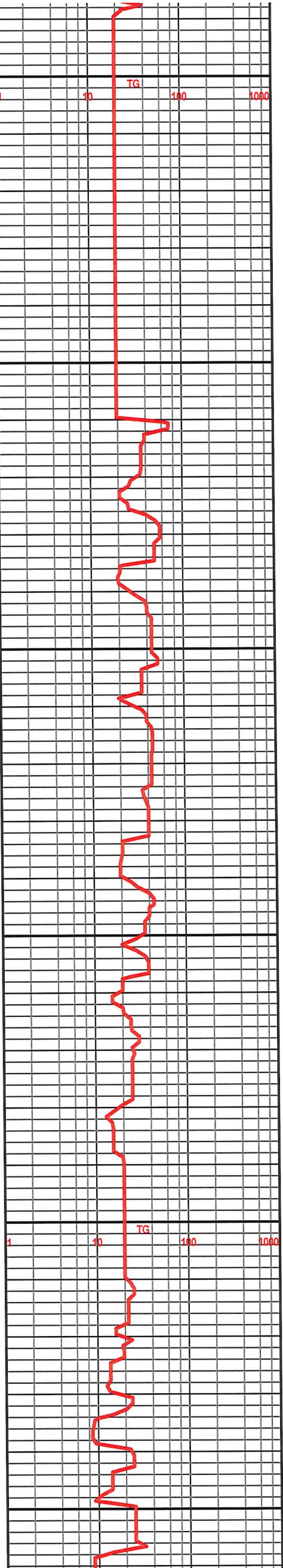
LS TN TO LT GRY F XLN V DNS NS WITH SH GRY TO DRK GRY FIRM

LS & SH AA WITH TR PYRITE

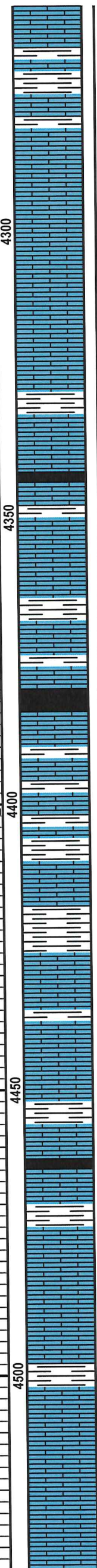
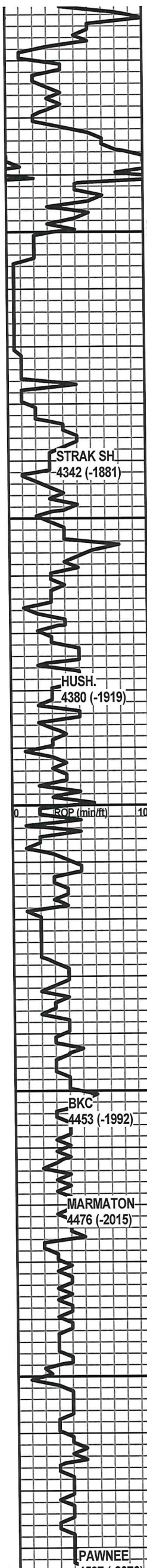
SH BLK CARB

LS TN TO BRN F-M XLN ANG DNS NS

LS CRM TO TN TO BRN F-M XLN ANG DNS SOME SLIGHTLY CHAKY







LS CRM TO TN F XLN ANG DNS  
SOME CHAKY WITH SH GRY  
FIRM

LS TN ANG F XLN F TO G  
OOLIC POR N FLOR N CUT NS

LS BRN ANG F XLN FOSS DNS  
NS  
SH BLK CARB

LS TN TO BRN ANG F XLN  
VUGGY DNS WITH SH DRK  
GRY FIRM WITH TR CHERT

LS LT GRY ANG F XLN DNS NS  
SLIGHTLY CHERTY WITH LS  
CRM CHAKY

SH BLK CARB

LS DRK BRN ANG SHARP F  
XLN FRAC WITH SH GRY TO  
DRK GRY FIRM WITH TR  
PYRITE

LS CRM TOTN F-M XLN DNS  
WITH SOME CHAKY

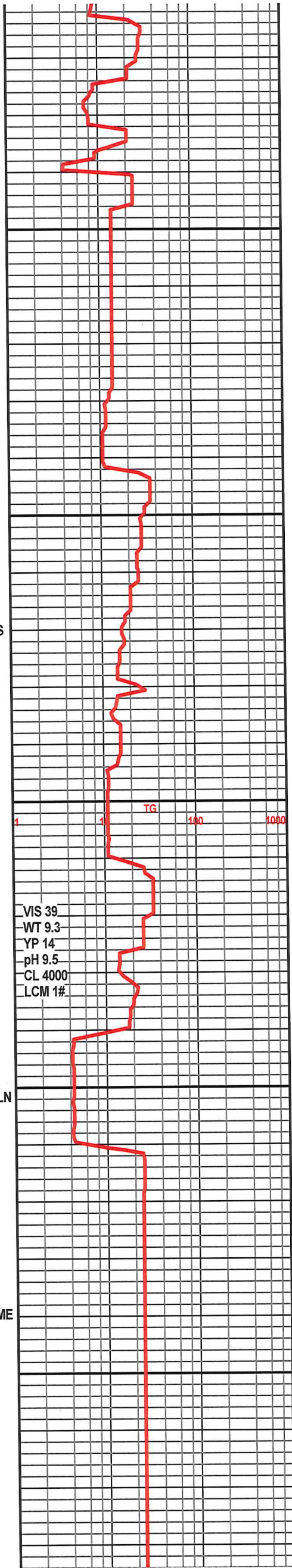
LS AA LESS CHAKY NS

LS BUFF TO BRN ANG F-M XLN  
VUGGY WITH SH GRY  
SLIGHTLY SILTY WITH SH  
GRN  
SH BLK CARB

LS DRK BRN ANG V DNS NS

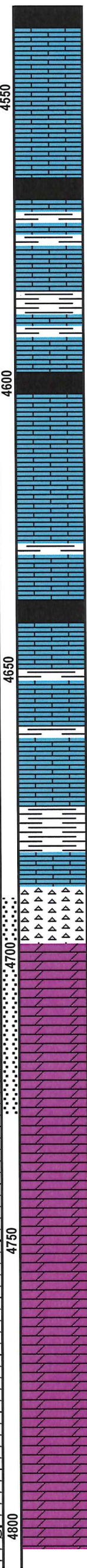
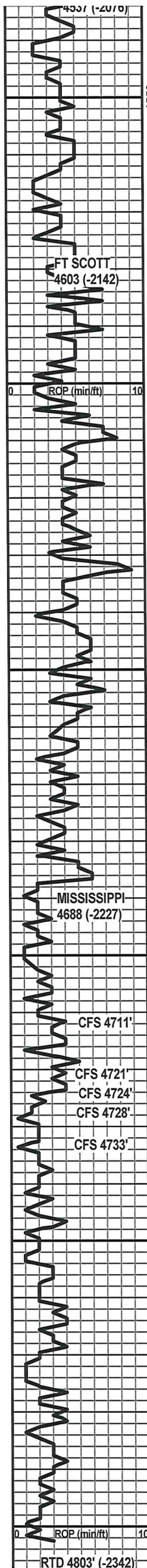
LS CRM F XLN ANG DNS SOME  
SLIGHTLY CHAKY

LS TN TO BRN F-M XLN  
SLIGHTLY FOSS DNS NS



VIS 39  
WT 9.3  
YP 14  
pH 9.5  
CL 4000  
LCM 1#





SH BLK CARB

SH BLK CARB

LS DRK GRY TO BRN M XLN V  
DNS WITH SH GRY TO GRN  
FIRM SLIGHTLY SILTY

SH BLK CARB

LS CRM TO TN F XLN ANG  
SLIGHTLY CHAKY MOSTLY  
DNS NS

LS BRN ANG F-M XLN V DNS  
NS

LS AA WITH LS DRK GRY ANG  
F XLN V DNS

LS BRN ANG F XLN VUGGY  
DNS NS

SH BLK CARB

LS CRM TO TN TO BRN F-M  
XLN MOSTLY ANY DNS NS

LS AA WITH SH GRY TO DRK  
GRY FIRM

LS CRM TO TN F XLN SOME  
CHAKY MOSTLY DNS

SH GRY, GRN, BLK, RED FIRM

CHERT BRN TO LT GRY  
SHARP V DNS F FRAC POR F  
ODOR F-G BLK STAIN V PAL  
FLOR G CUT

DOL LT TN F XLN F-G POR  
SLIGHT ODOR V PAL FLOR  
MILKY CUT

DOL LT TN F-M XLN F-G ODOR  
VG STAIN FREE OIL BRIGHT  
YELLOW FLOR VG  
STREAMING CUT

DOL CRM LIMMYF XLN DNS  
NS/ DOL GRN M-C XLN V  
SLIGHT ODOR G BLK STAIN  
PAL FLOR MILKY CUT

DOL TN TO LT GRY SLIGHTLY  
LMMY ANG F-M XLN F POR  
DNS NS

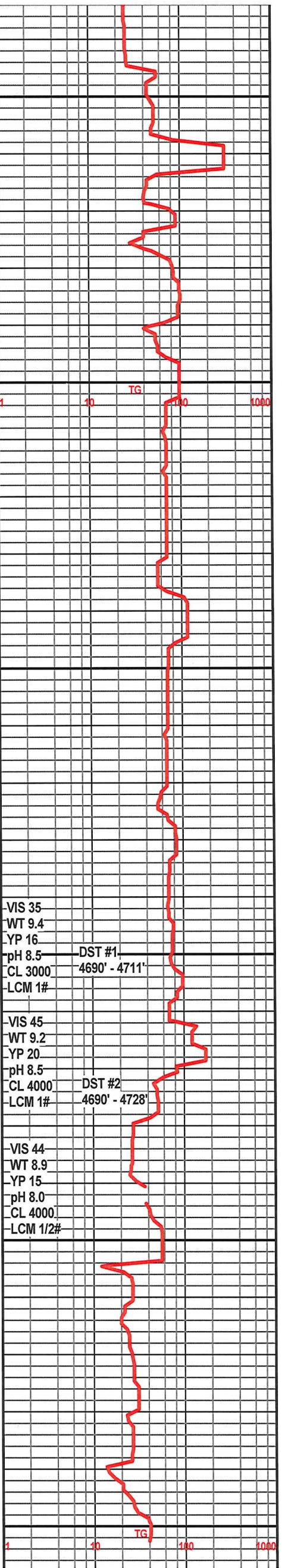
DOL TN F-M XLN F-G POR  
MOSTLY DNS NS

DOL TN TO LT GRY F-M XLN  
F-P POR NS

DOL TN F XLN P STAIN N FLOR  
F-G POR N FREE OIL WITH  
SOME WITH INTERBEDED DRK  
GRY SH

DOL AA WITH DOL DRK GRY  
TO BRN F-G POR NS WITH  
INTERBEDED SH AA

DOL TN TO BRN F XLN ANG  
DNS WITH SOME INTERBEDED  
DRK GRY SH NS







TICKET NUMBER 36741  
 LOCATION Oakley, KS  
 FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720  
 620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

| DATE                    | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY  |
|-------------------------|------------|--------------------|---------|----------|-------|---------|
| 9-10-11                 | 1707       | Don A-5-22         | 22      | 23       | 24    | Madison |
| CUSTOMER<br>Betacco LLC |            |                    | Jalmore |          |       |         |
| MAILING ADDRESS         |            |                    | S-PAG   |          |       |         |
| CITY                    |            |                    | 2w      |          |       |         |
| STATE                   |            |                    | 1 1/2 w |          |       |         |
| ZIP CODE                |            |                    | w.w     |          |       |         |
| TRUCK #                 | DRIVER     | TRUCK #            | DRIVER  |          |       |         |
| 463                     | Corey D    |                    |         |          |       |         |
| 566                     | Jordanh    |                    |         |          |       |         |

JOB TYPE PTA HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.1 SLURRY VOL 1.40 WATER gal/ek \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on betacco #2, Rig up and plug as ordered  
50 SKS @ 1630  
80 SKS @ 810' 250 SKS 60/40 pos 470 gal 1 1/4" Elorcal  
50 SKS @ 340'  
20 SKS @ 60'  
30 SKS @ PH  
20 SKS MH

Thanks Fuzzy & Crew

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL   |
|--------------|-------------------|------------------------------------|------------|---------|
| 5405W        | 1                 | PUMP CHARGE                        | 1325.00    | 1325.00 |
| 5406         | 30 miles          | MILEAGE                            | 5.00       | 150.00  |
| 5407A        | 10.840m           | Tow mileage delivery               | 47.00      | 541.20  |
| 1131         | 250 SKS           | 60/40 pos                          | 15.10      | 3775.00 |
| 118B         | 860*              | Bondomite                          | 2.50       | 215.00  |
| 1107         | 62*               | Elorcal                            | 2.82       | 174.66  |
|              |                   | sub total                          |            | 6183.86 |
|              |                   | less 1092                          |            | 6183.39 |
|              |                   | sub total                          |            | 5565.42 |
|              |                   | SALES TAX                          |            | 279.45  |
|              |                   | ESTIMATED TOTAL                    |            | 5844.92 |

Rev 3737

AUTHORIZATION [Signature] TITLE Rick Manser DATE 9-10-12

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

252801