

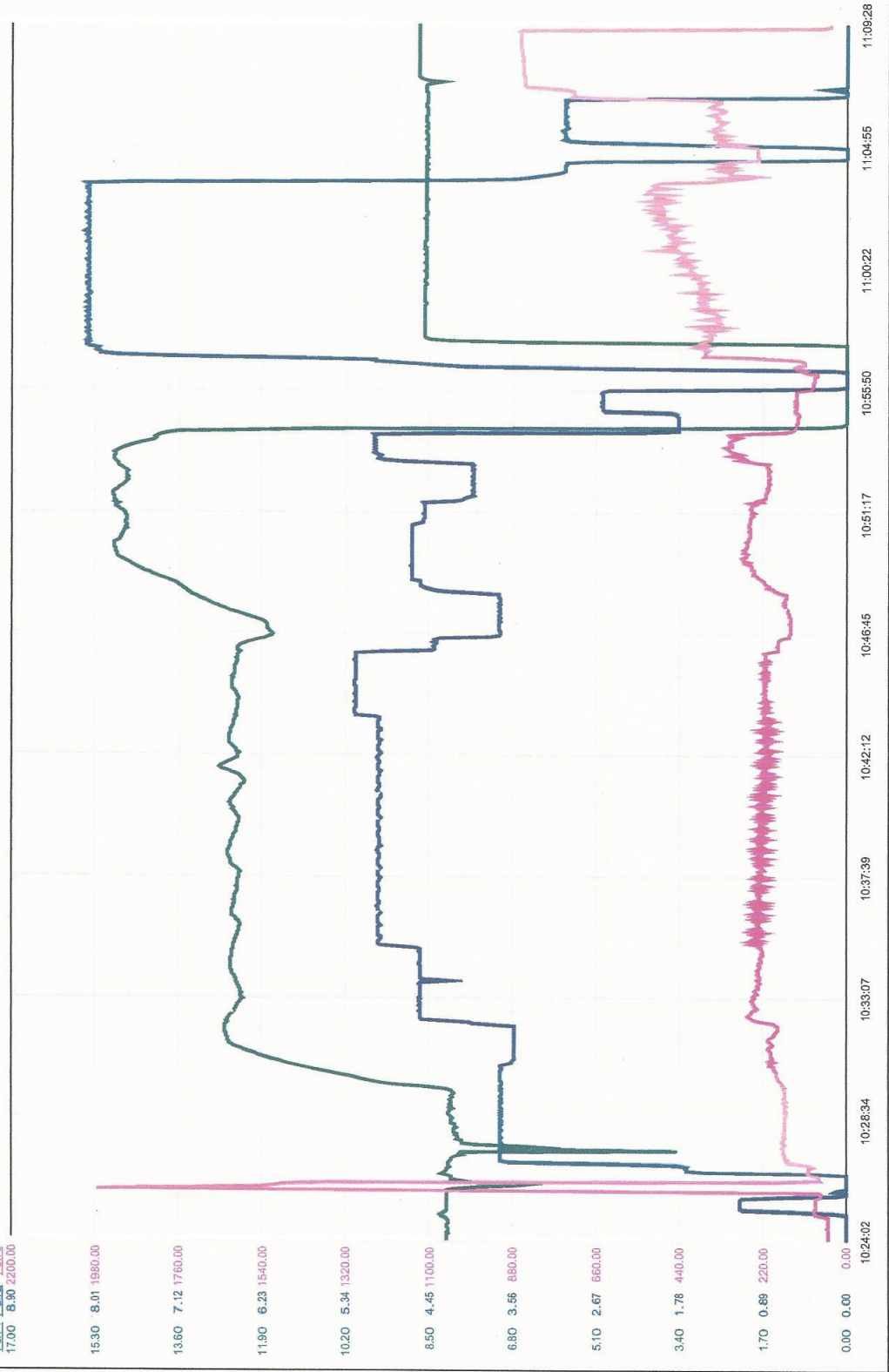


**SERVICE COMPANY:** ServiceCompany  
**TICKET NO:** TicketNumber  
**CUSTOMER NAME:** CustomerName  
**WELL NAME:** WellName  
**WELL LOCATION:** WellLocation

**DATE RECORDED:** 09/07/2014  
**JOB NO:** JobNumber  
**UNIT DESCRIPTION:** UnitDescription  
**UNIT NOTES:** TreatmentNotes  
**FILE NAME:** CustomerName\_WellName\_14\_09\_07\_#2.csv

10:24:02 PC Data Recording Started  
 11:09:28 PC Data Recording Stopped

Pen 1: Density 1 (Density: lb/gal)  
 Pen 2: Calc. SlurryRate (Density: lb/gal)  
 Pen 3: Pressure 2 (Pressure: psi)



|                                    |                        |                                   |                                       |                                |
|------------------------------------|------------------------|-----------------------------------|---------------------------------------|--------------------------------|
| <b>JOB SUMMARY</b>                 |                        |                                   | PROJECT NUMBER<br><b>SOK 4168</b>     | TICKET DATE<br><b>09/07/14</b> |
| COUNTY<br><b>Harper</b>            | State<br><b>Kansas</b> | COMPANY<br><b>Tapstone Energy</b> | CUSTOMER REP<br><b>Daniel</b>         |                                |
| LEASE NAME<br><b>Cooper 2-35-9</b> | Well No.<br><b>1H</b>  | JOB TYPE<br><b>Surface</b>        | EMPLOYEE NAME<br><b>Arthur Setzer</b> |                                |

|          |                      |          |  |  |  |  |  |
|----------|----------------------|----------|--|--|--|--|--|
| EMP NAME | <b>Arthur Setzer</b> | <b>0</b> |  |  |  |  |  |
|          | <b>Jared Green</b>   |          |  |  |  |  |  |
|          | <b>Frank Reeves</b>  |          |  |  |  |  |  |
|          | <b>0.00</b>          |          |  |  |  |  |  |

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **800**

|      |                               |                                |                                |                                  |
|------|-------------------------------|--------------------------------|--------------------------------|----------------------------------|
| Date | Called Out<br><b>9/7/2014</b> | On Location<br><b>9/7/2014</b> | Job Started<br><b>9/7/2014</b> | Job Completed<br><b>9/7/2014</b> |
| Time | <b>0200</b>                   | <b>0800</b>                    | <b>1025</b>                    | <b>1200</b>                      |

| Type and Size               | Qty      | Make      |
|-----------------------------|----------|-----------|
| Auto Fill Tube              | <b>0</b> | <b>IR</b> |
| Insert Float V <sub>2</sub> | <b>0</b> | <b>IR</b> |
| Centralizers                | <b>0</b> | <b>IR</b> |
| Top Plug                    | <b>0</b> | <b>IR</b> |
| HEAD                        | <b>0</b> | <b>IR</b> |
| Limit clamp                 | <b>0</b> | <b>IR</b> |
| Weld-A                      | <b>0</b> | <b>IR</b> |
| Texas Pattern Guide Shoe    | <b>0</b> | <b>IR</b> |
| Cement Basket               | <b>0</b> | <b>IR</b> |

|              | New/Used | Weight     | Size           | Grade | From           | To         | Max. Allow       |
|--------------|----------|------------|----------------|-------|----------------|------------|------------------|
| Casing       |          | <b>36#</b> | <b>9 5/8"</b>  |       | <b>Surface</b> | <b>863</b> | <b>1,500</b>     |
| Liner        |          |            |                |       |                |            |                  |
| Liner        |          |            |                |       |                |            |                  |
| Tubing       |          |            | <b>0</b>       |       |                |            |                  |
| Drill Pipe   |          |            |                |       |                |            |                  |
| Open Hole    |          |            | <b>12 1/4"</b> |       | <b>Surface</b> | <b>800</b> | <b>Shots/Ft.</b> |
| Perforations |          |            |                |       |                |            |                  |
| Perforations |          |            |                |       |                |            |                  |
| Perforations |          |            |                |       |                |            |                  |

| Materials     |             |         |                       |
|---------------|-------------|---------|-----------------------|
| Mud Type      | WBM         | Density | <b>9</b> Lb/Gal       |
| Disp. Fluid   | Fresh Water | Density | <b>8.33</b> Lb/Gal    |
| Spacer type   | Fresh Water | BBL     | <b>10</b> <b>8.33</b> |
| Spacer type   |             | BBL     |                       |
| Acid Type     |             | Gal.    | %                     |
| Acid Type     |             | Gal.    | %                     |
| Surfactant    |             | Gal.    | In                    |
| NE Agent      |             | Gal.    | In                    |
| Fluid Loss    |             | Gal/Lb  | In                    |
| Gelling Agent |             | Gal/Lb  | In                    |
| Fric. Red.    |             | Gal/Lb  | In                    |
| MISC.         |             | Gal/Lb  | In                    |

| Hours On Location |            | Operating Hours |            | Description of Job |
|-------------------|------------|-----------------|------------|--------------------|
| Date              | Hours      | Date            | Hours      |                    |
| <b>9/7</b>        | <b>4.0</b> | <b>9/7</b>      | <b>2.0</b> | <b>Surface</b>     |
|                   |            |                 |            |                    |
|                   |            |                 |            |                    |
|                   |            |                 |            |                    |
|                   |            |                 |            |                    |
|                   |            |                 |            |                    |
|                   |            |                 |            |                    |
|                   |            |                 |            |                    |
| <b>Total</b>      | <b>4.0</b> | <b>Total</b>    | <b>2.0</b> |                    |

Perpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_

| Pressures            |                  |               |                   |
|----------------------|------------------|---------------|-------------------|
| <b>MAX</b>           | <b>1,500 PSI</b> | <b>AVG</b>    | <b>400</b>        |
| Average Rates in BPM |                  |               |                   |
| <b>MAX</b>           | <b>6 BPM</b>     | <b>AVG</b>    | <b>8</b>          |
| Cement Left in Pipe  |                  |               |                   |
| <b>Feet</b>          | <b>42</b>        | <b>Reason</b> | <b>SHOE JOINT</b> |

| Cement Data |            |                                 |   |              |             |              |
|-------------|------------|---------------------------------|---|--------------|-------------|--------------|
| Stage       | Sacks      | Cement                          | Additives   | W/Rq.        | Yield       | Lbs/Gal      |
| <b>1</b>    | <b>240</b> | <b>TEX Lite Premium Plus 65</b> | <b>(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - 0.2% X-Air</b> | <b>11.11</b> | <b>2.01</b> | <b>12.40</b> |
| <b>2</b>    | <b>130</b> | <b>Premium Plus (Class C)</b>   | <b>2% Calcium Chloride - 1/4pps Cello-Flake</b>                       | <b>6.32</b>  | <b>1.32</b> | <b>14.80</b> |
| <b>3</b>    | <b>0</b>   | <b>0</b>                        |   | <b>0</b>     | <b>0.00</b> | <b>0.00</b>  |

| Summary            |                |                   |                  |                        |                |
|--------------------|----------------|-------------------|------------------|------------------------|----------------|
| Preflush Breakdown | Type: _____    | MAXIMUM           | <b>1,500 PSI</b> | Preflush: BBI          | <b>10.00</b>   |
|                    | Lost Returns-f | Actual TOC        | <b>NO/FULL</b>   | Load & Bkdn: Gal - BBI | <b>N/A</b>     |
| Average            | Bump Plug PSI: | Final Circ. PSI:  | <b>875</b>       | Excess /Return BBI     | <b>41</b>      |
| ISIP <b>5 Min.</b> | <b>10 Min</b>  | Cement Slurry BBI | <b>115.0</b>     | Calc. TOC:             | <b>SURFACE</b> |
|                    | <b>15 Min</b>  | Total Volume BBI  | <b>188.00</b>    | Actual Disp.           | <b>63.00</b>   |
|                    |                |                   |                  | Disp:Bbl               | <b>63.00</b>   |

CUSTOMER REPRESENTATIVE *D.P.C. Miller* SIGNATURE



# Job Data Sheet



|   |  |                                   |                                       |                                  |
|---|--|-----------------------------------|---------------------------------------|----------------------------------|
| COMPANY<br><b>Tapstone Energy</b>   |  | PROJECT NUMBER<br><b>SOK 4168</b> | AFE/WORK ORDER<br><b>DC14013</b>      | DATE<br><b>9/7/2014</b>          |
| CONTRACTOR<br><b>Unit #303</b>  |  | Owner<br><b>Same</b>              | LEGAL DESCRIPTION<br><b>11/35S/9W</b> | API<br><b>15-077-22076-01-00</b> |
| LEASE & WELL #<br><b>Cooper 2-35-9 1H</b>   |  | COUNTY<br><b>Harper</b>           | STATE<br><b>Kansas</b>                | MILEAGE<br><b>100</b>            |
| DIRECTIONS<br><b>BYRON OK - NORTH ON HWY 58 TO STATE LINE - 3/4 MILES NORTH - 3 MILES EAST THROUGH WHITE GATE</b> |  |                                   |                                       |                                  |

|  |   |                                       |                                      |                                    |                 |
|--|---|---------------------------------------|--------------------------------------|------------------------------------|-----------------|
| Pumping Services                       | <input checked="" type="checkbox"/> Surface | <input type="checkbox"/> Intermediate | <input type="checkbox"/> Long String | <input type="checkbox"/> Plug Back |                 |
|  | <input type="checkbox"/> Squeeze            | <input type="checkbox"/> Acid         | <input type="checkbox"/> PTA         | <input type="checkbox"/> Other     | ( ) H2S         |
|  | Casing Size                                 | Casing Weight                         | Thread                               | Tbng/DP Size                       | Thread          |
|  | <b>9 5/8"</b>                               | <b>36#</b>                            | <b>LTC</b>                           |                                    | <b>YES</b>      |
|  | Number and Type Units                       |                                       |                                      |                                    | Swage           |
| <b>Pump Truck &amp; Bulk Materials</b> |   |                                       |                                      | Top Plug                           | Bottom Plug     |
| Remarks                                |   |                                       |                                      | <b>YES</b>                         | <b>NO</b>       |
|  |   |                                       |                                      | Casing Depth                       | Hole Depth      |
|  |   |                                       |                                      | <b>800'</b>                        | <b>800'</b>     |
|  |   |                                       |                                      | Tubing Depth                       | Depth-TVD       |
|  |   |                                       |                                      |                                    | <b>12 1/4"</b>  |
|  |   |                                       |                                      | Est. BHST                          | Mud Weight/Type |
|  |   |                                       |                                      | <b>80°</b>                         |                 |

|           |                   |               |                                      |   |
|-----------|-------------------|---------------|--------------------------------------|---|
| Materials | <b>LEAD</b>       | # of Sacks    | Type                                 | Additives   |
|           | <b>85.92</b>      | <b>240</b>    | <b>O-TEX Lite Premium Plus 65/25</b> | <b>(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - 0.2% X-Air</b> |
|           | <b>H2O TO MIX</b> | Weight PPG    | Yield Ft3/Sk                         |   |
|           | <b>63.49</b>      | <b>12.40</b>  | <b>2.01</b>                          | <b>11.11</b>  |
|           | <b>TAIL</b>       | # of Sacks    | Type                                 | Additives   |
|           | <b>30.56</b>      | <b>130</b>    | <b>Premium Plus (Class C)</b>        | <b>2% Calcium Chloride - 1/4pps Cello-Flake</b>                       |
|           | <b>H2O TO MIX</b> | Weight PPG    | Yield Ft3/Sk                         |   |
|           | <b>19.56</b>      | <b>14.80</b>  | <b>1.32</b>                          | <b>6.32</b>   |
|           | <b>TOP OUT</b>    | # of Sacks    | Type                                 | Additives   |
|           | <b>H2O TO MIX</b> | Weight PPG    | Yield Ft3/Sk                         | Water Gal/Sk  |
|           |                   |               |                                      |   |
|           | ACID              | Type          | Additives                            |   |
|           | Inhibitor         | Surfactant    | clay cont.                           |   |
|           |                   |               |                                      |   |
|           | Spacer or Flush   | Quantity      | Type                                 | Additives   |
|           |                   | <b>10 BBL</b> | <b>Fresh Water</b>                   |   |
|           | Spacer or Flush   | Quantity      | Type                                 | Additives   |
|           | Other             | Quantity      | Type                                 | Additives   |

|             |                 |               |              |              |              |
|-------------|-----------------|---------------|--------------|--------------|--------------|
| Crew Called | <b>Cementer</b> | <b>Pumper</b> | <b>Bulky</b> | <b>Bulky</b> | <b>Bulky</b> |
|             | Arthur Setzer   | Jared Green   | Frank Reeves |              |              |

|      |  |
|------|--|
| CEOL |  |
|------|--|

|             |                        |               |               |            |               |                    |
|-------------|------------------------|---------------|---------------|------------|---------------|--------------------|
| Sales Items | Casing Size            | <b>9 5/8"</b> | Casing Weight | <b>36#</b> | Thread        | <b>LTC</b>         |
|             | Guide Shoe             |               | Float Shoe    |            | Float Collar  | Insert Float Valve |
|             | Centralizers - Number  |               | Size          |            | Type          |                    |
|             | Wall Cleaners - Number |               | Type          |            | MSC (DV Tool) | MSC Plug Set       |
|             | Limit Clamps           |               | Thread lock   |            | Other         |                    |
|             | Remarks                |               |               |            |               |                    |

|               |                      |            |          |              |  |               |  |              |  |
|---------------|----------------------|------------|----------|--------------|--|---------------|--|--------------|--|
| Customer Rep. | <b>Daniel</b>        | Cell Phone | <b>0</b> | Office Phone |  | Fax           |  | Time of Call |  |
| Call Taken By | <b>Jared Sisco</b>   |            |          | Date Ready   |  | Location Time |  |              |  |
| Crew Called   | <b>Arthur Setzer</b> |            |          | Yard Time    |  |               |  |              |  |

