



1370213

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](mailto: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>Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No<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 |                  |                |              |                            |
|  |                  |                |              |                            |

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

|   |  |         |             |                       |
|---|--|---------|-------------|-----------------------|
| Date of first Production/Injection or Resumed Production/Injection: | 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 |

|   |  |                                    |
|---|--|------------------------------------|
| 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) (Submit ACO-4)</i> | PRODUCTION INTERVAL:<br>Top Bottom |
|---|--|------------------------------------|

| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, Fracture, Shot, Cementing Squeeze Record<br><i>(Amount and Kind of Material Used)</i> |
|----------------|-----------------|--------------------|------------------|--------------------|---|
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |

|                |       |         |            |  |
|----------------|-------|---------|------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: |  |
|----------------|-------|---------|------------|--|



Company: La Veta Oil and Gas  
Address:

**OPERATOR**

Contact Geologist:  
Contact Phone Nbr:  
Well Name: #1 Frigger  
Location: Section 1-23S-12W  
Pool: Kansas  
State: Kansas  
API: 15-185-23999  
Field: Richardson  
Country: USA

Scale 1:240 Imperial

Well Name: #1 Frigger  
Surface Location: Section 1-23S-12W  
Bottom Location:  
API: 15-185-23999  
License Number:  
Spud Date: 10/4/2017 Time: 6:30 PM  
Region: Stafford County  
Drilling Completed: 10/11/2017 Time: 8:15 AM  
Surface Coordinates: 330 FNL & 735 FEL  
Bottom Hole Coordinates:  
Ground Elevation: 1816.00ft  
K.B. Elevation: 1824.00ft  
Logged Interval: 3000.00ft To: 3547.00ft  
Total Depth: 3547.00ft  
Formation:  
Drilling Fluid Type: Chemical (MudCo)

**SURFACE CO-ORDINATES**

Well Type: Vertical  
Longitude:  
N/S Co-ord: 330 FNL  
E/W Co-ord: 735 FEL  
Latitude:

**LOGGED BY**



Company: TerraTech Energy Service LLC.  
Address: 1632 S. West St. Suite 12  
Wichita, KS 67208  
Phone Nbr: 316-617-3959  
Logged By: Geologist Name: Bruce Reed

**CONTRACTOR**

Contractor: Southwind Drilling  
Rig #: 9  
Rig Type: mud rotary  
Spud Date: 10/4/2017 Time: 6:30 PM  
TD Date: 10/11/2017 Time: 8:15 AM  
Rig Release: 10/11/2017 Time: 8:15 AM

**ELEVATIONS**

K.B. Elevation: 1824.00ft Ground Elevation: 1816.00ft  
K.B. to Ground: 8.00ft

**NOTES**

Surface Casing: 8-5/8" at 269'  
Production Casing: None  
Daily Penetration:  
10/04/17 SPUD @ 6:30 PM  
10/05/17 269'  
10/06/17 1763'  
10/07/17 2517'  
10/08/17 3148'  
10/09/17 3462'  
10/10/17 3545'  
10/11/17 3547' Plugged @ 8:15 AM

**DRILL STEM TESTS**

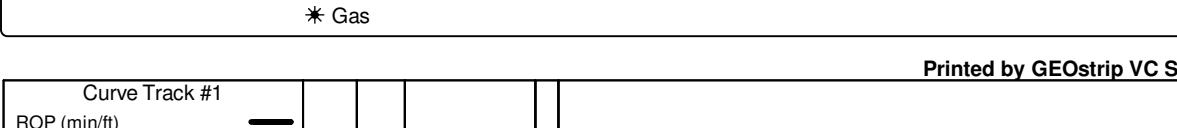
DST #1 3494'-3540' Arbuckle. Surface blow died in 7 minutes. No blow on the second.  
Recovered: 3' DM. IFP/15" 11-12 psi, ISIP/30" 37 psi, FFP/15" 13-13 psi, FSIP/30" 23 psi  
DST #2 3540'-3545' Arbuckle. Surface blow initially. 1" to 1/2" blow on second.  
Recovered: 75' GIP, 30' Clean Oil, 15' OCMW (60% oil, 15% water, 15% mud).  
IFP/15" 14-15 psi, ISIP/30" 985 psi, FFP/25" 17-23 psi, No FSIP  
DST #3 3541'-3547' Arbuckle. Weak to surface blow on both openings.  
Recovered: 120' GIP, 30' Clean Oil, 90' SOCMW (3% oil, 82% water, 15% mud).  
IFP/30" 15-37 psi, ISIP/30" 1162 psi, FFP/30" 39-63 psi, FSIP/30" 1152 psi

**GEOLOGICAL TOPS**

| Formation  | Sample Top | Datum | Comparison* |
|------------|------------|-------|-------------|
| Heebner    | 3088'      | -1264 |             |
| Toronto    | 3107'      | -1283 |             |
| Douglas    | 3122'      | -1298 |             |
| Brown Lime | 3229'      | -1405 |             |
| Lansing    | 3258'      | -1434 |             |
| Arbuckle   | 3536'      | -1712 | +2          |

\*Reference well: Stanolind Oil #2 Figger, NE NE NE, Sec 1-23S-12W, Stafford County, Kansas

**ROCK TYPES**

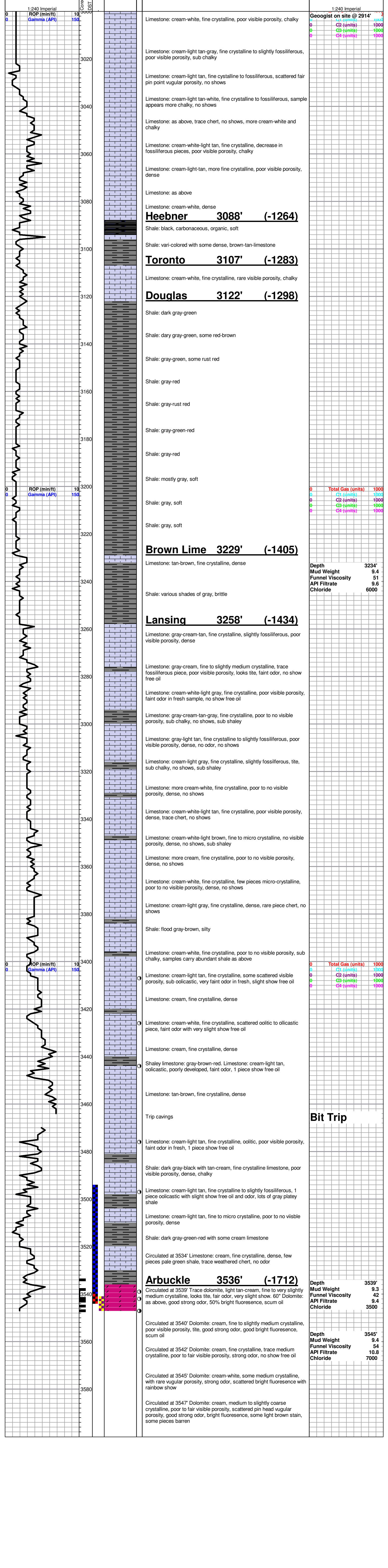


**OTHER SYMBOLS**

**INTERVALS**  
■ Core  
- DST

**Oil Show**  
● Good Show  
● Fair Show  
● Poor Show  
○ Spotted or Trace  
○ Questionable Strn  
D Dead Oil Strn  
■ Fluorescence  
\* Gas

**DST**  
■ DST Int  
■ DST alt  
■ Core  
|| tail pipe





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

LaVeta Oil & Gas LLC

**1/23S/12W/Stafford**

305 N Buffalo  
Stafford, Kansas  
67578  
ATTN: Bruce Reed

**Figger #1**

Job Ticket: 62649

**DST#: 1**

Test Start: 2017.10.09 @ 18:00:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:51:17

Time Test Ended: 22:44:17

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/58

**Interval: 3494.00 ft (KB) To 3540.00 ft (KB) (TVD)**

Reference Elevations: 1825.00 ft (KB)

Total Depth: 3540.00 ft (KB) (TVD)

1816.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 6755**

**Inside**

Press@RunDepth: 13.04 psig @ 3536.30 ft (KB)

Capacity: psig

Start Date: 2017.10.09

End Date:

2017.10.09

Last Calib.:

2017.10.09

Start Time: 18:00:01

End Time:

22:44:17

Time On Btm:

2017.10.09 @ 19:50:47

Time Off Btm:

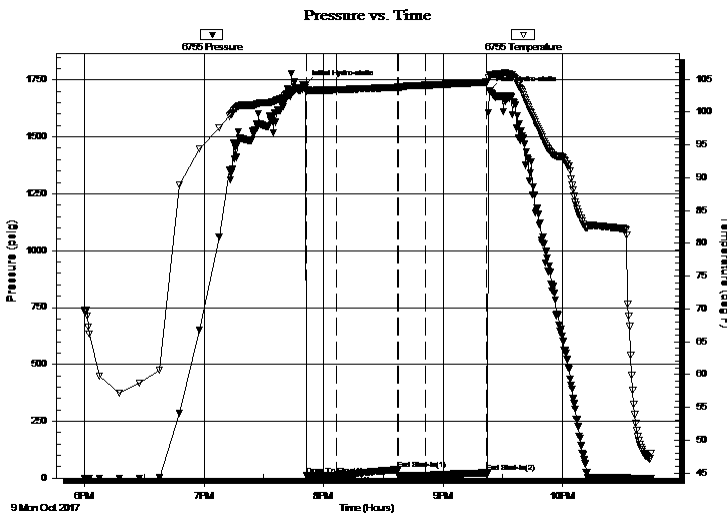
2017.10.09 @ 21:23:17

TEST COMMENT: I.F. 15 Minutes/ Surface blow died in 7 minutes

I.S.I. 30 Minutes/ No blow back

F.F. 15 Minutes/ Dead no blow

F.S.I. 30 Minutes/ No blow back



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1728.14         | 103.79       | Initial Hydro-static |
| 1           | 11.78           | 103.13       | Open To Flow (1)     |
| 16          | 12.71           | 103.41       | Shut-In(1)           |
| 47          | 37.26           | 103.80       | End Shut-In(1)       |
| 47          | 13.27           | 103.80       | Open To Flow (2)     |
| 61          | 13.04           | 104.10       | Shut-In(2)           |
| 92          | 23.51           | 104.61       | End Shut-In(2)       |
| 93          | 1702.44         | 105.65       | Final Hydro-static   |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 3.00        | Mud 100%    | 0.04         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

LaVeta Oil & Gas LLC

**1/23S/12W/Stafford**

305 N Buffalo  
Stafford, Kansas  
67578  
ATTN: Bruce Reed

**Figger #1**

Job Ticket: 62649

**DST#: 1**

Test Start: 2017.10.09 @ 18:00:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:51:17

Time Test Ended: 22:44:17

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/58

**Interval: 3494.00 ft (KB) To 3540.00 ft (KB) (TVD)**

Reference Elevations: 1825.00 ft (KB)

Total Depth: 3540.00 ft (KB) (TVD)

1816.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8322 Outside**

Press@RunDepth: 25.31 psig @ 3537.30 ft (KB)

Capacity: psig

Start Date: 2017.10.09

End Date: 2017.10.09

Last Calib.: 2017.10.09

Start Time: 18:00:01

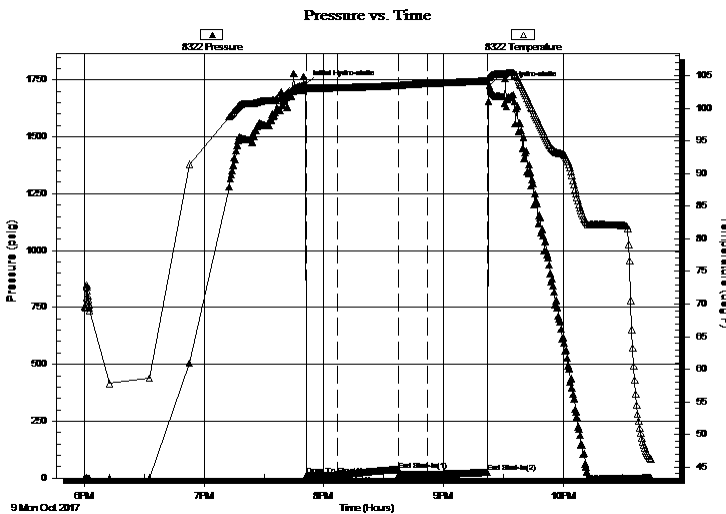
End Time: 22:44:17

Time On Btm: 2017.10.09 @ 19:51:02

Time Off Btm: 2017.10.09 @ 21:23:02

**TEST COMMENT:** I.F. 15 Minutes/ Surface blow died in 7 minutes  
I.S.I. 30 Minutes/ No blow back  
F.F. 15 Minutes/ Dead no blow  
F.S.I. 30 Minutes/ No blow back

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1729.95         | 103.52       | Initial Hydro-static |
| 1           | 12.97           | 103.08       | Open To Flow (1)     |
| 16          | 13.95           | 103.15       | Shut-In(1)           |
| 47          | 36.50           | 103.49       | End Shut-In(1)       |
| 47          | 14.74           | 103.50       | Open To Flow (2)     |
| 61          | 13.95           | 103.78       | Shut-In(2)           |
| 91          | 25.31           | 104.24       | End Shut-In(2)       |
| 92          | 1724.65         | 104.78       | Final Hydro-static   |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 3.00        | Mud 100%    | 0.04         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

LaVeta Oil & Gas LLC

**1/23S/12W/Stafford**

305 N Buffalo  
Stafford, Kansas  
67578

**Figger #1**

Job Ticket: 62649

**DST#: 1**

ATTN: Bruce Reed

Test Start: 2017.10.09 @ 18:00:00

## 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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbbl |
|--------------|-------------|----------------|
| 3.00         | Mud 100%    | 0.042          |

Total Length: 3.00 ft      Total Volume: 0.042 bbl

Num Fluid Samples: 0

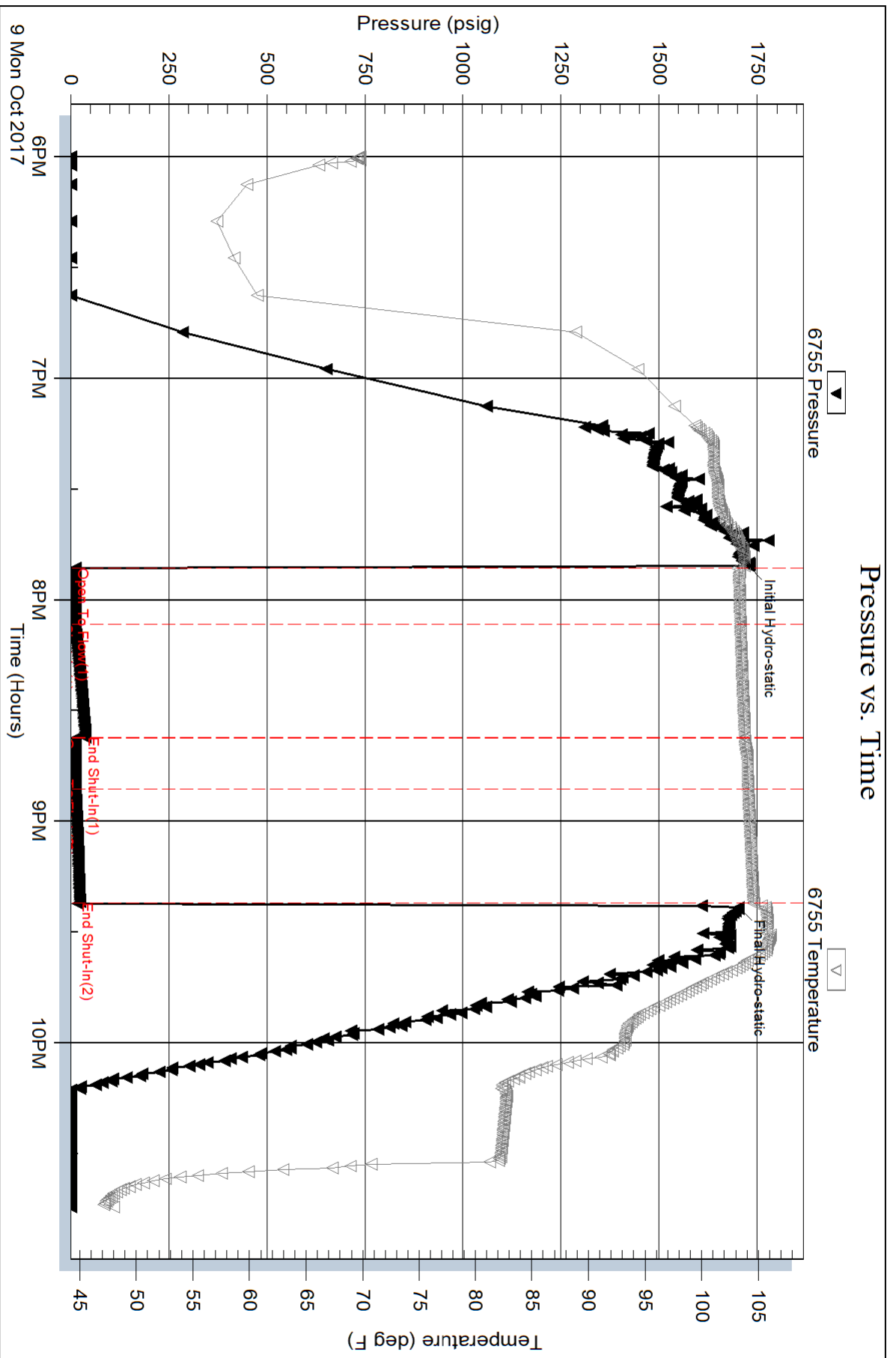
Num Gas Bombs: 0

Serial #:

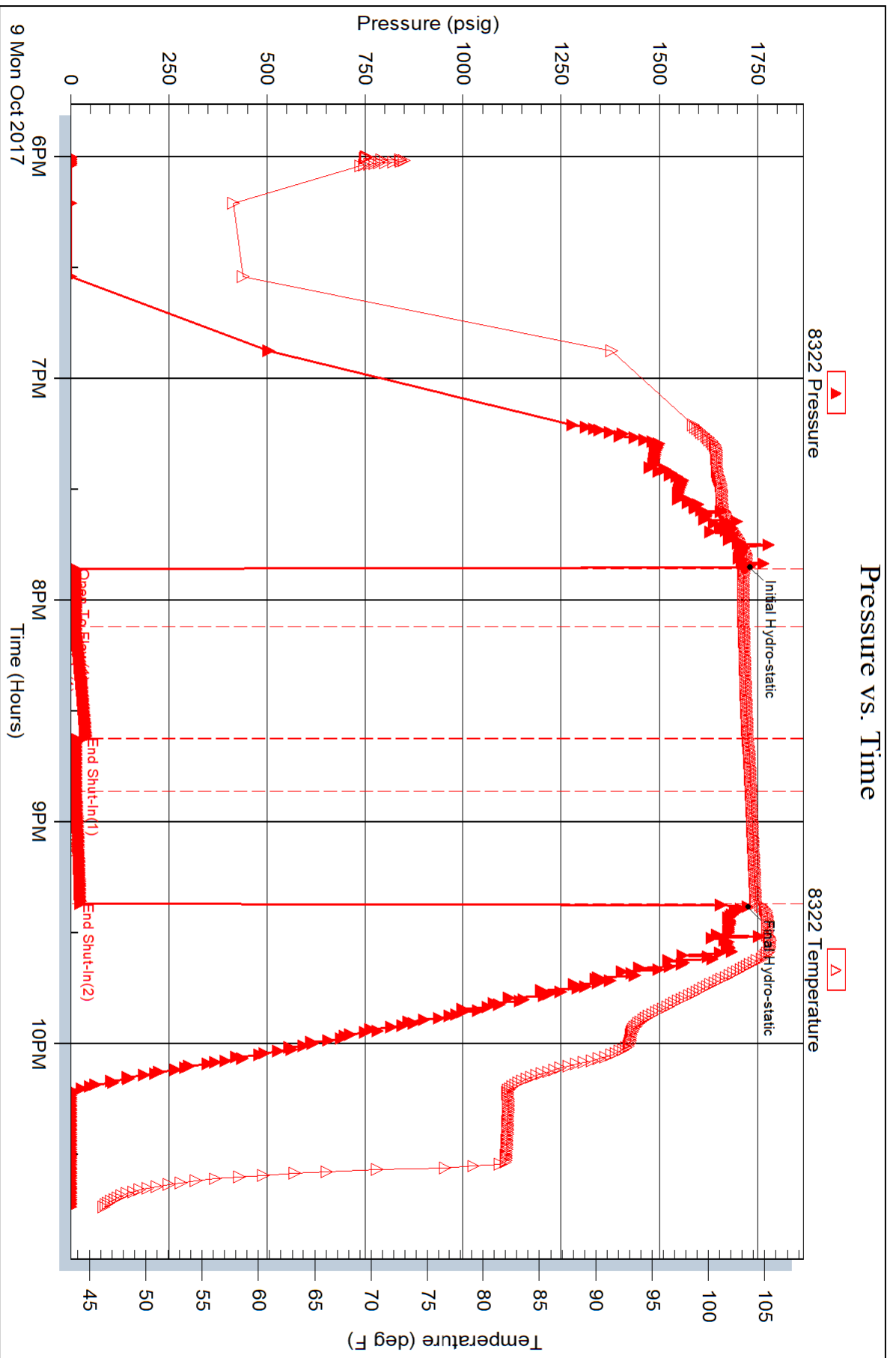
Laboratory Name:

Laboratory Location:

Recovery Comments:









**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

LaVeta Oil & Gas LLC

**1/23S/12W/Stafford**

305 N Buffalo  
Stafford, Kansas  
67578

**Figger #1**

Job Ticket: 62650

**DST#: 2**

ATTN: Bruce Reed

Test Start: 2017.10.10 @ 08:29:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:43:02

Time Test Ended: 13:45:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/58

**Interval: 3540.00 ft (KB) To 3545.00 ft (KB) (TVD)**

Reference Elevations: 1825.00 ft (KB)

Total Depth: 3545.00 ft (KB) (TVD)

1816.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 6755 Inside**

Press@RunDepth: 15.36 psig @ 3541.00 ft (KB)

Capacity: psig

Start Date: 2017.10.10

End Date: 2017.10.10

Last Calib.: 2017.10.10

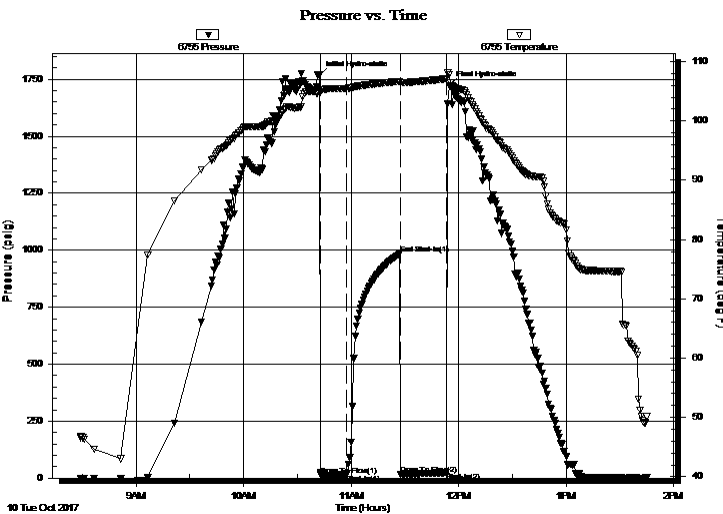
Start Time: 08:29:01

End Time: 13:45:02

Time On Btm: 2017.10.10 @ 10:42:02

Time Off Btm: 2017.10.10 @ 11:54:47

**TEST COMMENT:** I.F. 15 Minutes/ On and off surface blow throughout  
I.S.I. 30 Minutes/ No blow back  
F.F. 25 Minutes/ Blow built to 1 inch then died to 1/2 inch/ Pull test



## PRESSURE SUMMARY

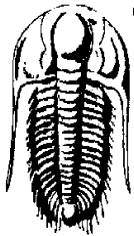
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1767.47         | 104.75       | Initial Hydro-static |
| 1           | 14.33           | 105.01       | Open To Flow (1)     |
| 16          | 15.36           | 105.50       | Shut-In(1)           |
| 46          | 985.60          | 106.64       | End Shut-In(1)       |
| 46          | 17.52           | 106.47       | Open To Flow (2)     |
| 72          | 23.84           | 107.13       | Shut-In(2)           |
| 73          | 1720.71         | 107.80       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                        | Volume (bbl) |
|-------------|------------------------------------|--------------|
| 15.00       | WMC Emuls O Water 15% Mud 15% Emul | 0.21         |
| 30.00       | Clean Oil 100%                     | 0.42         |
| 0.00        | 75 feet of GIP                     | 0.00         |
|             |                                    |              |
|             |                                    |              |

## Gas Rates

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



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

LaVeta Oil & Gas LLC  
 305 N Buffalo  
 Stafford, Kansas  
 67578  
 ATTN: Bruce Reed

**1/23S/12W/Stafford**

**Figger #1**

Job Ticket: 62650      **DST#: 2**  
 Test Start: 2017.10.10 @ 08:29:00

**GENERAL INFORMATION:**

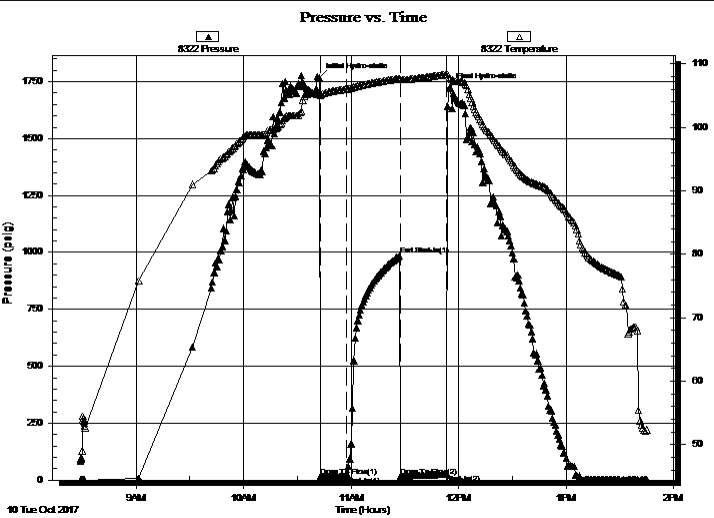
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:43:02  
 Time Test Ended: 13:45:02  
 Interval: **3540.00 ft (KB) To 3545.00 ft (KB) (TVD)**  
 Total Depth: 3545.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 72 Great Bend/58  
 Reference Elevations: 1825.00 ft (KB)  
 1816.00 ft (CF)  
 KB to GR/CF: 9.00 ft

**Serial #: 8322**

**Outside**

Press@RunDepth: 987.20 psig @ 3542.00 ft (KB)      Capacity:      psig  
 Start Date: 2017.10.10      End Date: 2017.10.10      Last Calib.: 2017.10.10  
 Start Time: 08:29:01      End Time: 13:45:02      Time On Btm: 2017.10.10 @ 10:42:02  
 Time Off Btm: 2017.10.10 @ 11:54:47

**TEST COMMENT:** I.F. 15 Minutes/ On and off surface blow throughout  
 I.S.I. 30 Minutes/ No blow back  
 F.F. 25 Minutes/ Blow built to 1 inch then died to 1/2 inch/ Pull test



**PRESSURE SUMMARY**

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1768.92         | 105.28       | Initial Hydro-static |
| 1           | 17.04           | 105.10       | Open To Flow (1)     |
| 16          | 16.85           | 106.03       | Shut-In(1)           |
| 46          | 987.20          | 107.65       | End Shut-In(1)       |
| 46          | 18.70           | 107.49       | Open To Flow (2)     |
| 72          | 25.22           | 108.32       | Shut-In(2)           |
| 73          | 1722.01         | 107.88       | Final Hydro-static   |

**Recovery**

| Length (ft) | Description                        | Volume (bbl) |
|-------------|------------------------------------|--------------|
| 15.00       | WMC Emuls O Water 15% Mud 15% Emul | 0.21         |
| 30.00       | Clean Oil 100%                     | 0.42         |
| 0.00        | 75 feet of GIP                     | 0.00         |
|             |                                    |              |
|             |                                    |              |

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

LaVeta Oil & Gas LLC

**1/23S/12W/Stafford**

305 N Buffalo  
Stafford, Kansas  
67578

**Figger #1**

Job Ticket: 62650

**DST#: 2**

ATTN: Bruce Reed

Test Start: 2017.10.10 @ 08:29:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description                             | Volume<br>bbbl |
|--------------|---|----------------|
| 15.00        | WMC Emuls O Water 15% Mud 15% Emuls Oil | 0.210          |
| 30.00        | Clean Oil 100%                          | 0.421          |
| 0.00         | 75 feet of GIP                          | 0.000          |

Total Length: 45.00 ft      Total Volume: 0.631 bbl

Num Fluid Samples: 0

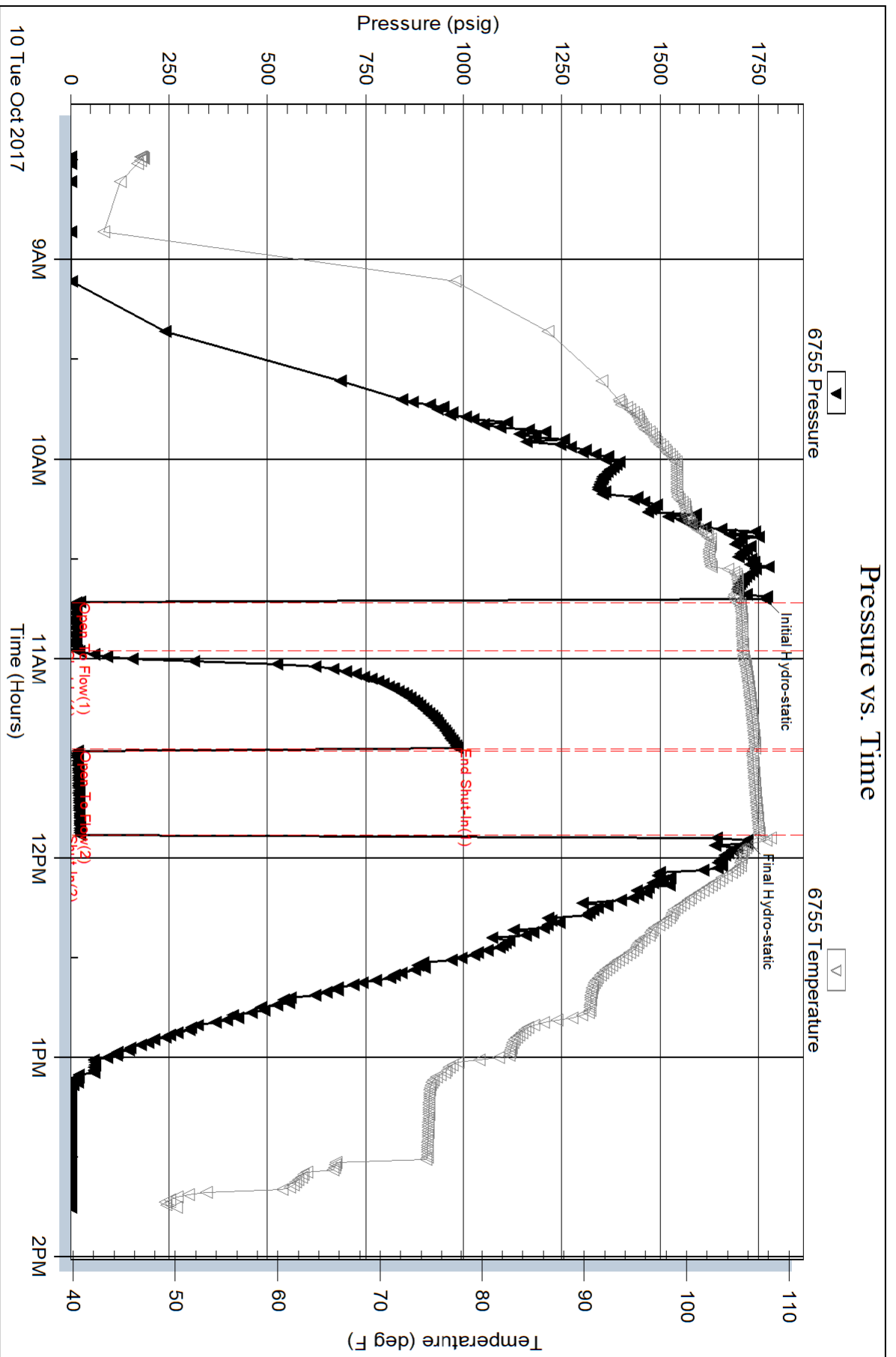
Num Gas Bombs: 0

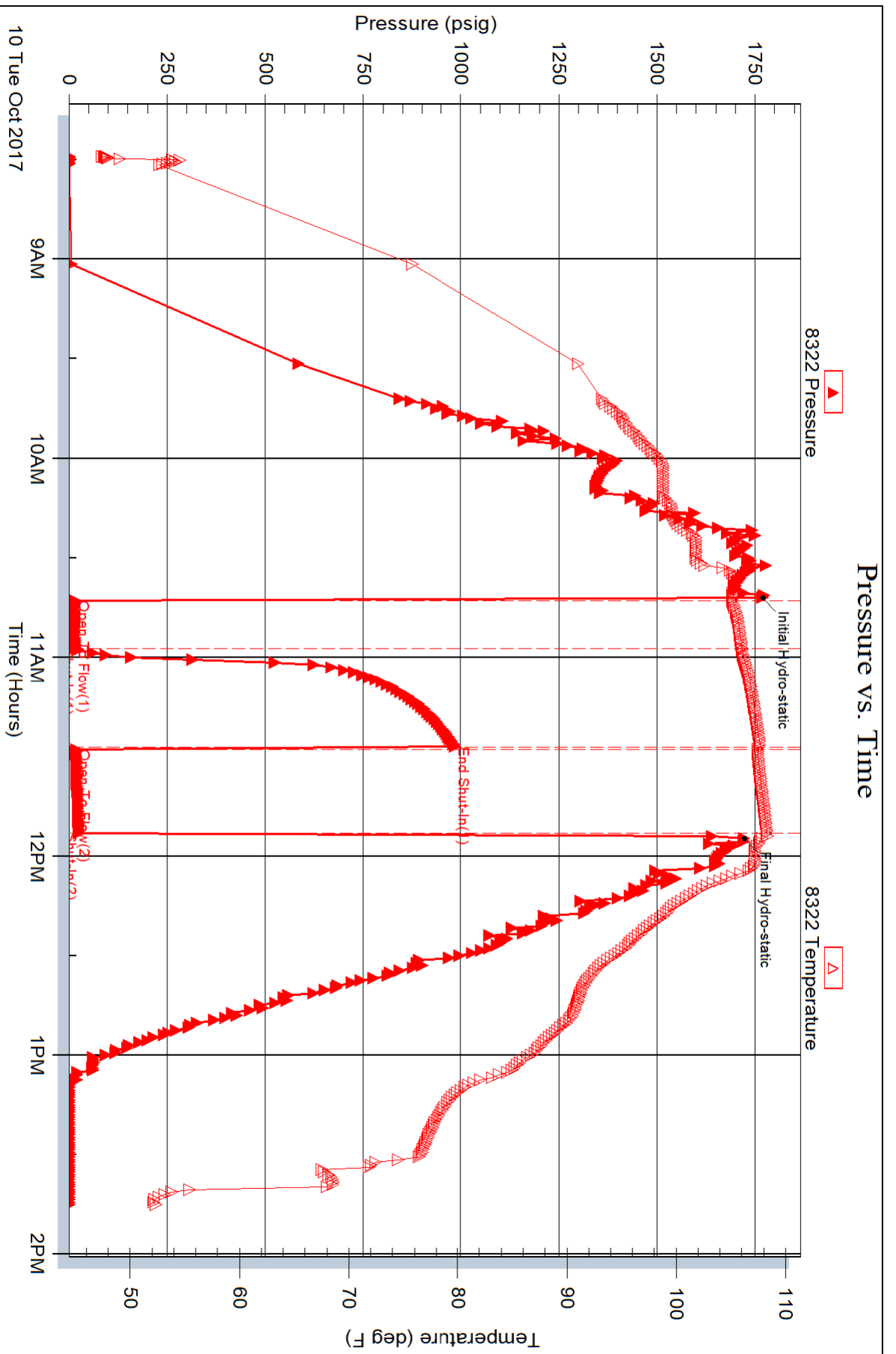
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

+T M H  
18

FIELD SERVICE TICKET  
0041060353  
1718 15509 A

PRESSURE PUMPING & WIRELINE

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

| JOB NO. <b>10-4-17</b> DISTRICT <b>Pratt</b> |           | NEW WELL <input checked="" type="checkbox"/> | OLD WELL <input type="checkbox"/> | PROD <input type="checkbox"/> | INJ <input type="checkbox"/> | WDW <input type="checkbox"/> | CUSTOMER ORDER NO.: |           |              |
|--|-----------|--|-----------------------------------|-------------------------------|------------------------------|------------------------------|---------------------|-----------|--------------|
| CUSTOMER <b>LAVETA oil + Gas</b>             |           | LEASE <b>Rigger</b>                          |                                   |                               |                              | WELL NO. <b>1</b>            |                     |           |              |
| ADDRESS                                      |           | COUNTY <b>STAFFORD</b>                       |                                   | STATE <b>Ks</b>               |                              |                              |                     |           |              |
| CITY STATE                                   |           | SERVICE CREW <b>MATTAL Graves, OSBORN</b>    |                                   |                               |                              |                              |                     |           |              |
| AUTHORIZED BY                                |           | JOB TYPE: <b>2-42 8 5/8 SUIKAL</b>           |                                   |                               |                              |                              |                     |           |              |
| EQUIPMENT#                                   | HRS       | EQUIPMENT#                                   | HRS                               | EQUIPMENT#                    | HRS                          | TRUCK CALLED                 | DATE                | AM        | TIME         |
| <b>8679</b>                                  | <b>.5</b> |  |                                   |                               |                              |                              | <b>10-4-17</b>      | <b>AM</b> | <b>6:15</b>  |
|  |           |  |                                   |                               |                              | ARRIVED AT JOB               |                     | <b>AM</b> | <b>9:15</b>  |
|  |           |  |                                   |                               |                              | START OPERATION              |                     | <b>AM</b> | <b>11:20</b> |
| <b>19860</b>                                 | <b>.5</b> |  |                                   |                               |                              | FINISH OPERATION             |                     | <b>AM</b> | <b>11:45</b> |
|  |           |  |                                   |                               |                              | RELEASED                     | <b>10-5-17</b>      | <b>AM</b> | <b>12:15</b> |
|  |           |  |                                   |                               |                              | MILES FROM STATION TO WELL   |                     |           | <b>48</b>    |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| CP 103              | 60/40 P02                             | sq   | 260      |            | 3120 00   |
| CC 109              | Calcium chloride                      | lb   | 672      |            | 705 60    |
| CC 102              | celloK1AK                             | lb   | 66       |            | 244 20    |
| E100                | P.u. miles                            | mi   | 45       |            | 202 50    |
| E101                | Heavy eq. miles                       | mi   | 90       |            | 675 00    |
| E113                | PROP + Bulk                           | sq   | 504      |            | 1260 00   |
| CE 200              | depth charge 0-500                    | 4hr  | 1        |            | 1,000 00  |
| CE 240              | Blend + mix                           | sq   | 260      |            | 364 00    |
| S003                | super visor                           | ea   | 1        |            | 175 00    |

SUB TOTAL **7,746 30**

| CHEMICAL / ACID DATA: |  |  |  |
|-----------------------|--|--|--|
|                       |  |  |  |
|                       |  |  |  |
|                       |  |  |  |

|                     |            |
|---------------------|------------|
| SERVICE & EQUIPMENT | %TAX ON \$ |
| MATERIALS           | %TAX ON \$ |

TOTAL **3,795 69**

SERVICE REPRESENTATIVE **Mike Mattal**

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.







10244 NE Hwy. 61  
 P.O. Box 8613  
 Pratt, Kansas 67124  
 Phone 620-672-1201

TT mbl  
 26

FIELD SERVICE TICKET  
 1718 15512 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

|   |           |  |     |            |     |                            |      |           |              |
|---|-----------|--|-----|------------|-----|----------------------------|------|-----------|--------------|
| DATE OF JOB <b>10-11-17</b> DISTRICT <b>Pratt</b> |           | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: |     |            |     |                            |      |           |              |
| CUSTOMER <b>LA VETA oil + Gas</b>                 |           | LEASE <b>Rigger</b> WELL NO. <b>1</b>  |     |            |     |                            |      |           |              |
| ADDRESS   |           | COUNTY <b>STAFFORD</b> STATE <b>KJ</b>   |     |            |     |                            |      |           |              |
| CITY STATE  |           | SERVICE CREW <b>MATTAI Mcgraw COBB</b>   |     |            |     |                            |      |           |              |
| AUTHORIZED BY                                     |           | JOB TYPE: <b>2-1/2 plug to ABANASH</b>   |     |            |     |                            |      |           |              |
| EQUIPMENT#  | HRS       | EQUIPMENT#   | HRS | EQUIPMENT# | HRS | TRUCK CALLED               | DATE | AM        | TIME         |
| <b>19843 X</b>                                    | <b>4</b>  |  |     |            |     | <b>10-11-17</b>            |      | <b>PM</b> | <b>12:20</b> |
|   |           |  |     |            |     | ARRIVED AT JOB             |      | <b>PM</b> | <b>2:45</b>  |
| <b>19860 X</b>                                    | <b>.5</b> |  |     |            |     | START OPERATION            |      | <b>PM</b> | <b>4:41</b>  |
|   |           |  |     |            |     | FINISH OPERATION           |      | <b>PM</b> | <b>8:20</b>  |
|   |           |  |     |            |     | RELEASED                   |      | <b>PM</b> | <b>9:15</b>  |
|   |           |  |     |            |     | MILES FROM STATION TO WELL |      |           | <b>45</b>    |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| CP 103              | 60/40 PDZ                             | SK   | 200      |            | 2,400 00  |
| CC 200              | CMT Sol                               | LB   | 344      |            | 86 00     |
| B100                | P.u. miles                            | Mi   | 45       |            | 202 50    |
| E101                | Heavy eq. miles                       | Mi   | 90       |            | 675 00    |
| E113                | PROP + BULK dol                       | TN   | 387      |            | 967 50    |
| Ce 204              | depth charge 3001-4000'               | Lb   | 1        |            | 2,160 00  |
| Ce 200              | Blend + mix                           | SK   | 200      |            | 280 00    |
| S503                | SUPERVISOR                            | DA   | 1        |            | 175 00    |

SUB TOTAL **6946 00**

| CHEMICAL / ACID DATA: |  |  |  |
|-----------------------|--|--|--|
|                       |  |  |  |
|                       |  |  |  |
|                       |  |  |  |

|                     |            |                 |
|---------------------|------------|-----------------|
| SERVICE & EQUIPMENT | %TAX ON \$ |                 |
| MATERIALS           | %TAX ON \$ |                 |
| TOTAL               |            | <b>3,542.46</b> |

SERVICE REPRESENTATIVE MJLA Mattai THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]  
 (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_



# TREATMENT REPORT

Lease No. **LAKEA oil + GAS** Date **10-11-17**  
 Well # **1**  
 Field Order # **15512** Station **Pratt** Casing **—** Depth **3534** County **STAFFORD** State **KS**  
 Type Job **Z-42 Plug to abandon** Formation **—** Legal Description **1-235-12W**

| PIPE DATA       |              | PERFORATING DATA |    | FLUID USED |         | TREATMENT RESUME |      |       |                  |
|-----------------|--------------|------------------|----|------------|---------|------------------|------|-------|------------------|
| Casing Size     | Tubing Size  | Shots/Ft         |    | Acid       | 200 SKS | 60/40 POZ        | RATE | PRESS | ISIP             |
| Depth           | Depth        | From             | To | Pre Pad    | 4% sel  | Max              |      |       | 5 Min.           |
| Volume          | Volume       | From             | To | Pad        |         | Min              |      |       | 10 Min.          |
| Max Press       | Max Press    | From             | To | Frac       |         | Avg              |      |       | 15 Min.          |
| Well Connection | Annulus Vol. | From             | To |            |         | HHP Used         |      |       | Annulus Pressure |
| Plug Depth      | Packer Depth | From             | To | Flush      |         | Gas Volume       |      |       | Total Load       |

Customer Representative **MARY ZIGLER** Station Manager **WESTERN** Treater **MATT**  
 Service Units **83353** **84981** **19843** **19889** **19860**  
 River Names **MATT** **McGraw** **COBB**

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log                  |
|------|-----------------|-----------------|--------------|------|------------------------------|
| 2:45 |                 |                 |              |      | ON location / safety meeting |
| —    |                 |                 |              |      | 1st Plug @ 3534'             |
| 4:41 | 400             |                 | 15           | 4.5  | Pump 15 bbl water            |
| 4:45 | 400             |                 | 12.5         | 4.5  | Mix 50 SKS 60/40 POZ         |
| 4:48 | 300             |                 | 5            | 4.5  | Pump 5 bbl water             |
| 4:49 | 300             |                 | 40           | 4.5  | Pump 40 bbl mud              |
| —    |                 |                 |              |      | 2nd Plug @ 806'              |
| 6:40 | 200             |                 | 15           | 4    | Pump 15 bbl water            |
| 6:43 | 225             |                 | 12.5         | 5    | Mix 50 SKS 60/40 POZ         |
| 6:45 | 175             |                 | 5            | 5    | Pump 5 bbl water             |
| 6:46 |                 |                 | 5            | 5    | Pump 5 bbl mud               |
| —    |                 |                 |              |      | 3rd Plug @ 310'              |
| 7:07 | 175             |                 | 10           | 5    | Pump 10 bbl water            |
| 7:09 | 175             |                 | 12.5         | 5    | Mix 50 SKS 60/40 POZ         |
| 7:11 | 150             |                 | 4            | 5    | Pump 4 bbl water             |
| —    |                 |                 |              |      | 4th Plug @ 60'               |
| 8:15 |                 |                 | 5            |      | Mix 20 SKS 60/40 POZ         |
| 8:20 |                 |                 | 7            |      | Plug rat hole                |
|      |                 |                 |              |      | JOB complete                 |
|      |                 |                 |              |      | THANK YOU                    |
|      |                 |                 |              |      | MIKE MATTU MIKE + COLE       |