

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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: <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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Suemaur Exploration & Production, LLC
Well Name	SHAWN SPRESSER TRUST 1-26
Doc ID	1348385

All Electric Logs Run

Dual Induction
Gamma Ray
SP
Density /Neutron

Form	ACO1 - Well Completion
Operator	Suemaur Exploration & Production, LLC
Well Name	SHAWN SPRESSER TRUST 1-26
Doc ID	1348385

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	7	250 gal 15% MCA	3902-09
4	6	550 gal 15% MCA	3923-26
4	4	300 gal 15% MCA	3976-80
4	11	600 gal 15% MCA	4011-22







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

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

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Suemaur Exploration & Production, LLC
Well Name	SHAWN SPRESSER TRUST 1-26
Doc ID	1322047

All Electric Logs Run

Dual Induction
Gamma Ray
SP
Density /Neutron



## Summary of Changes

Lease Name and Number: SHAWN SPRESSER TRUST 1-26

API/Permit #: 15-179-21419-00-00

Doc ID: 1322047

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	11/09/2016	11/14/2016
Completion Or Recompletion Date	02/05/2016	10/21/2016
Date Reached TD	12/18/2015	8/21/2016
Save Link	../../../../kcc/detail/operatorE ditDetail.cfm?docID=13 21671	../../../../kcc/detail/operatorE ditDetail.cfm?docID=13 22047
Spud Or Recompletion Date	12/09/2015	8/13/2016



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1321671  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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: \_\_\_\_\_

1321671

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

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

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <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> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Suemaur Exploration & Production, LLC
Well Name	SHAWN SPRESSER TRUST 1-26
Doc ID	1321671

All Electric Logs Run

Dual Induction
Gamma Ray
SP
Density /Neutron





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Suema Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58062 **DST#: 1**

Test Start: 2016.08.16 @ 13:08:59

## GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:10:29

Time Test Ended: 21:08:29

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 3799.00 ft (KB) To 3835.00 ft (KB) (TVD)**

Reference Elevations: 2735.00 ft (KB)

Total Depth: 3835.00 ft (KB) (TVD)

2730.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6651 Inside**

Press@RunDepth: 156.62 psig @ 3832.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.08.16

End Date:

2016.08.16

Last Calib.: 2016.08.16

Start Time: 13:09:00

End Time:

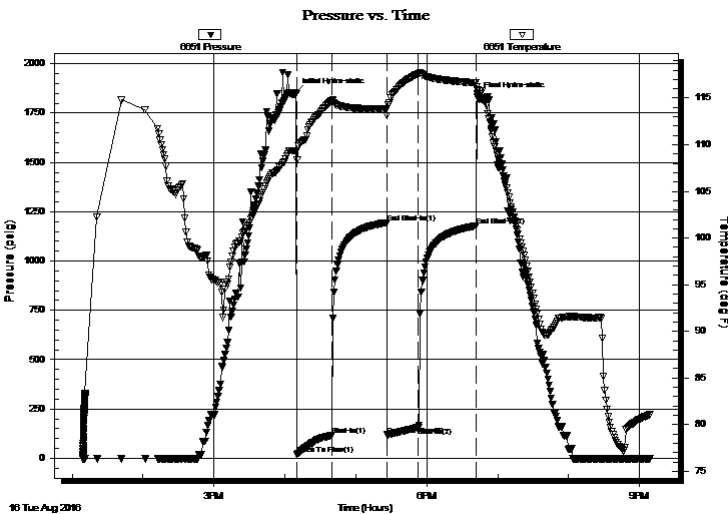
21:08:29

Time On Btm: 2016.08.16 @ 16:08:59

Time Off Btm: 2016.08.16 @ 18:42:59

**TEST COMMENT:** 30- IF- Steady build to 11"  
45- IS- No blow  
30- FF- Slow ly built to 9"  
45- FS- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1851.82	109.32	Initial Hydro-static
2	19.53	108.38	Open To Flow (1)
31	115.25	114.67	Shut-In(1)
77	1195.13	113.85	End Shut-In(1)
78	118.80	113.14	Open To Flow (2)
104	156.62	117.61	Shut-In(2)
153	1177.98	116.64	End Shut-In(2)
154	1831.03	115.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
187.00	MW, 90%W 10%M	0.92
63.00	WOCM, 5%O 20%W 75%M	0.89
48.00	SOCM, 5%O 95%M	0.68
15.00	CO	0.21

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Suemaier Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58062

**DST#: 1**

Test Start: 2016.08.16 @ 13:08:59

## GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:10:29

Time Test Ended: 21:08:29

**Interval: 3799.00 ft (KB) To 3835.00 ft (KB) (TVD)**

Total Depth: 3835.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Reference Elevations: 2735.00 ft (KB)

2730.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8959 Outside**

Press@RunDepth: psig @ 3832.00 ft (KB)

Start Date: 2016.08.16

End Date:

2016.08.16

Capacity: 8000.00 psig

Last Calib.:

2016.08.16

Start Time: 13:08:42

End Time:

21:08:11

Time On Btm:

Time Off Btm:

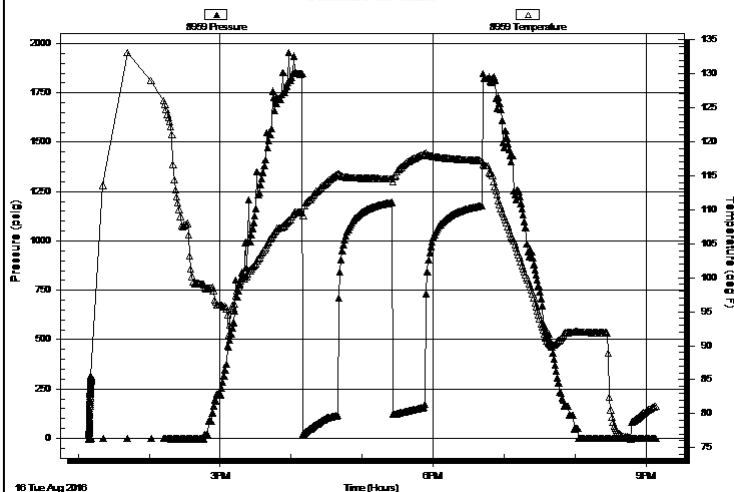
**TEST COMMENT:** 30- IF- Steady build to 11"

45- IS- No blow

30- FF- Slow ly built to 9"

45- FS- No blow

### Pressure vs. Time



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

### Recovery

Length (ft)	Description	Volume (bbl)
187.00	MW, 90%W 10%M	0.92
63.00	WOCM, 5%O 20%W 75%M	0.89
48.00	SOCM, 5%O 95%M	0.68
15.00	CO	0.21

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Suemaaur Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58062

**DST#: 1**

Test Start: 2016.08.16 @ 13:08:59

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 65.00 sec/qt  
Water Loss: 6.80 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 600.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 33 deg API  
Water Salinity: 55000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
187.00	MW, 90%W 10%M	0.920
63.00	WOCM, 5%O 20%W 75%M	0.893
48.00	SOCM, 5%O 95%M	0.680
15.00	CO	0.213

Total Length: 313.00 ft      Total Volume: 2.706 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

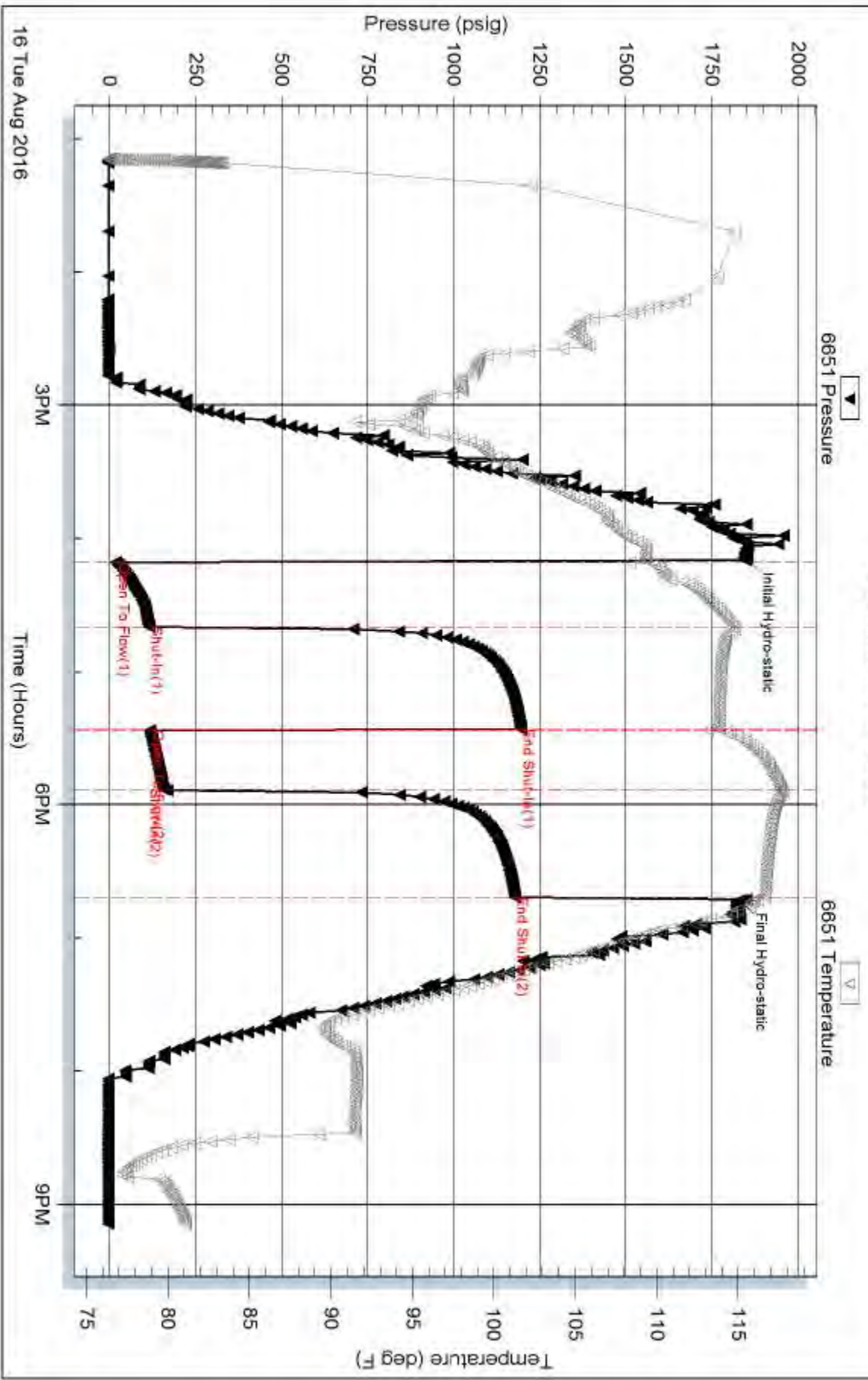
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

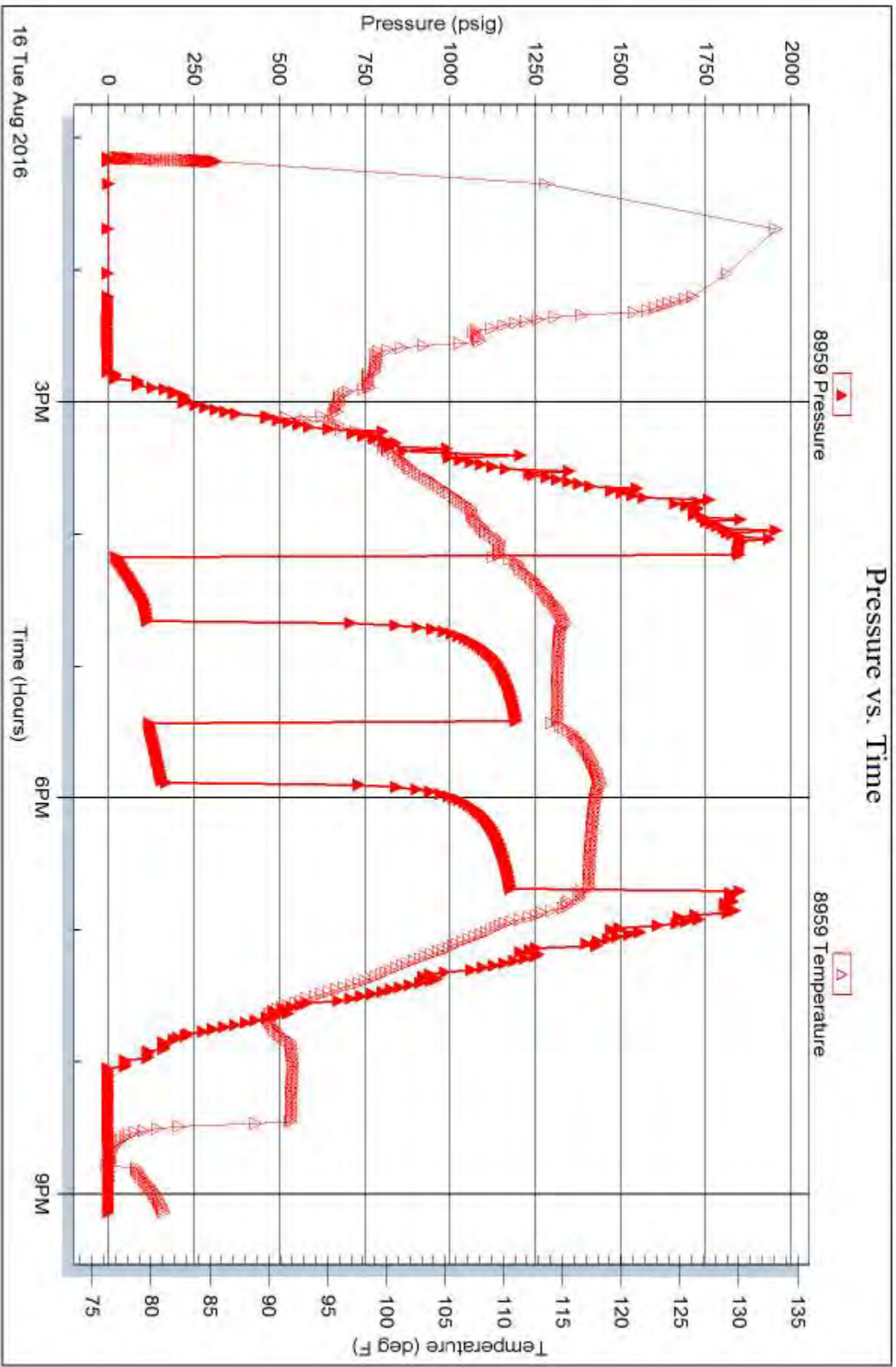


Serial #: 8959

Outside Suenor Exploration & Production, LLC

Shaw nSpressoTstH-26

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 58062

Printed: 2016.08.17 @ 06:39:45



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Suema Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58063 **DST#: 2**

Test Start: 2016.08.17 @ 07:35:17

## GENERAL INFORMATION:

Formation: **Toronto-LKC"A"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 09:27:17  
 Time Test Ended: 15:08:47  
 Interval: **3845.00 ft (KB) To 3902.00 ft (KB) (TVD)**  
 Total Depth: 3902.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brannan Lonsdale  
 Unit No: 73  
 Reference Elevations: 2735.00 ft (KB)  
 2730.00 ft (CF)  
 KB to GR/CF: 5.00 ft

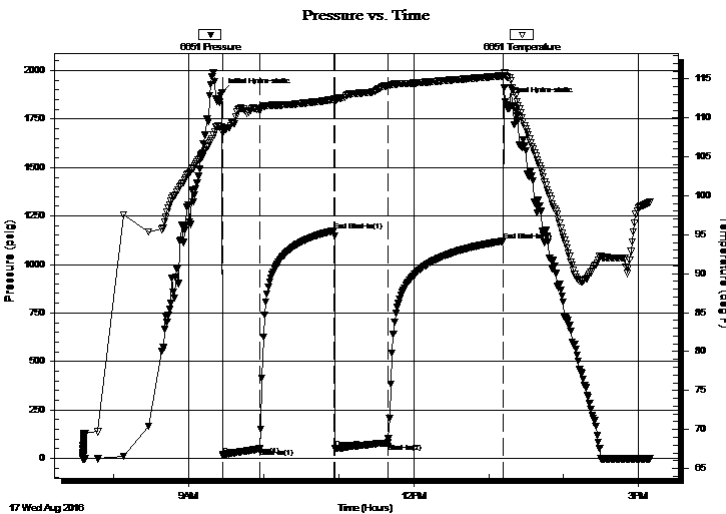
## Serial #: 6651

Inside

Press@RunDepth: 78.90 psig @ 3867.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.08.17 End Date: 2016.08.17 Last Calib.: 2016.08.17  
 Start Time: 07:35:18 End Time: 15:08:47 Time On Btm: 2016.08.17 @ 09:26:47  
 Time Off Btm: 2016.08.17 @ 13:13:17

TEST COMMENT: 30- IF- Built very slow ly to 2"  
 60- IS- No blow  
 45- FF- Surface blow  
 90- FSI- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1888.49	108.91	Initial Hydro-static
1	16.75	108.03	Open To Flow (1)
30	49.07	111.12	Shut-In(1)
90	1174.79	112.39	End Shut-In(1)
91	50.61	112.18	Open To Flow (2)
133	78.90	114.12	Shut-In(2)
225	1120.65	115.40	End Shut-In(2)
227	1837.90	115.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
130.00	SWM, 2%W 98%M w / oil spots	0.64

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Suemauro Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58063

**DST#: 2**

Test Start: 2016.08.17 @ 07:35:17

## GENERAL INFORMATION:

Formation: **Toronto-LKC"A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:27:17

Time Test Ended: 15:08:47

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: **3845.00 ft (KB) To 3902.00 ft (KB) (TVD)**

Total Depth: 3902.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2735.00 ft (KB)

2730.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8959** Outside

Press@RunDepth: psig @ 3867.00 ft (KB)

Start Date: 2016.08.17

End Date: 2016.08.17

Capacity: 8000.00 psig

Last Calib.: 2016.08.17

Start Time: 07:35:33

End Time: 15:09:02

Time On Btm:

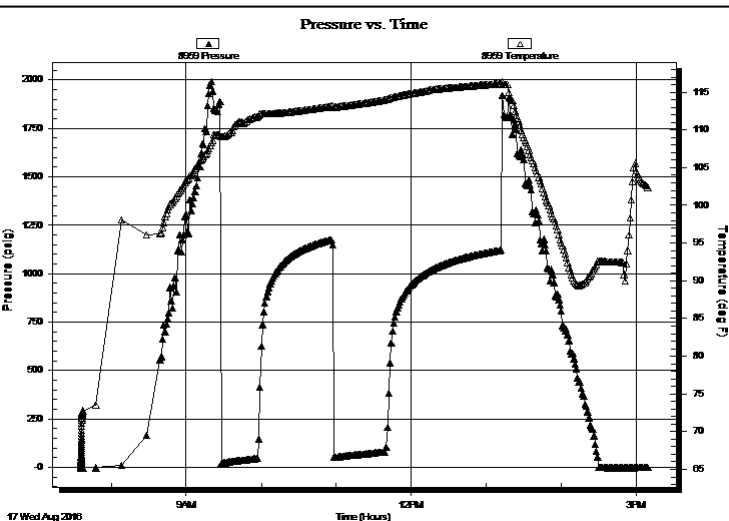
Time Off Btm:

TEST COMMENT: 30- IF- Built very slow ly to 2"

60- IS- No blow

45- FF- Surface blow

90- FSI- No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
130.00	SWM, 2%W 98%M w / oil spots	0.64

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Suemaaur Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58063

**DST#: 2**

Test Start: 2016.08.17 @ 07:35:17

## 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: 51000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	SWM, 2%W 98%M w / oil spots	0.639

Total Length: 130.00 ft      Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

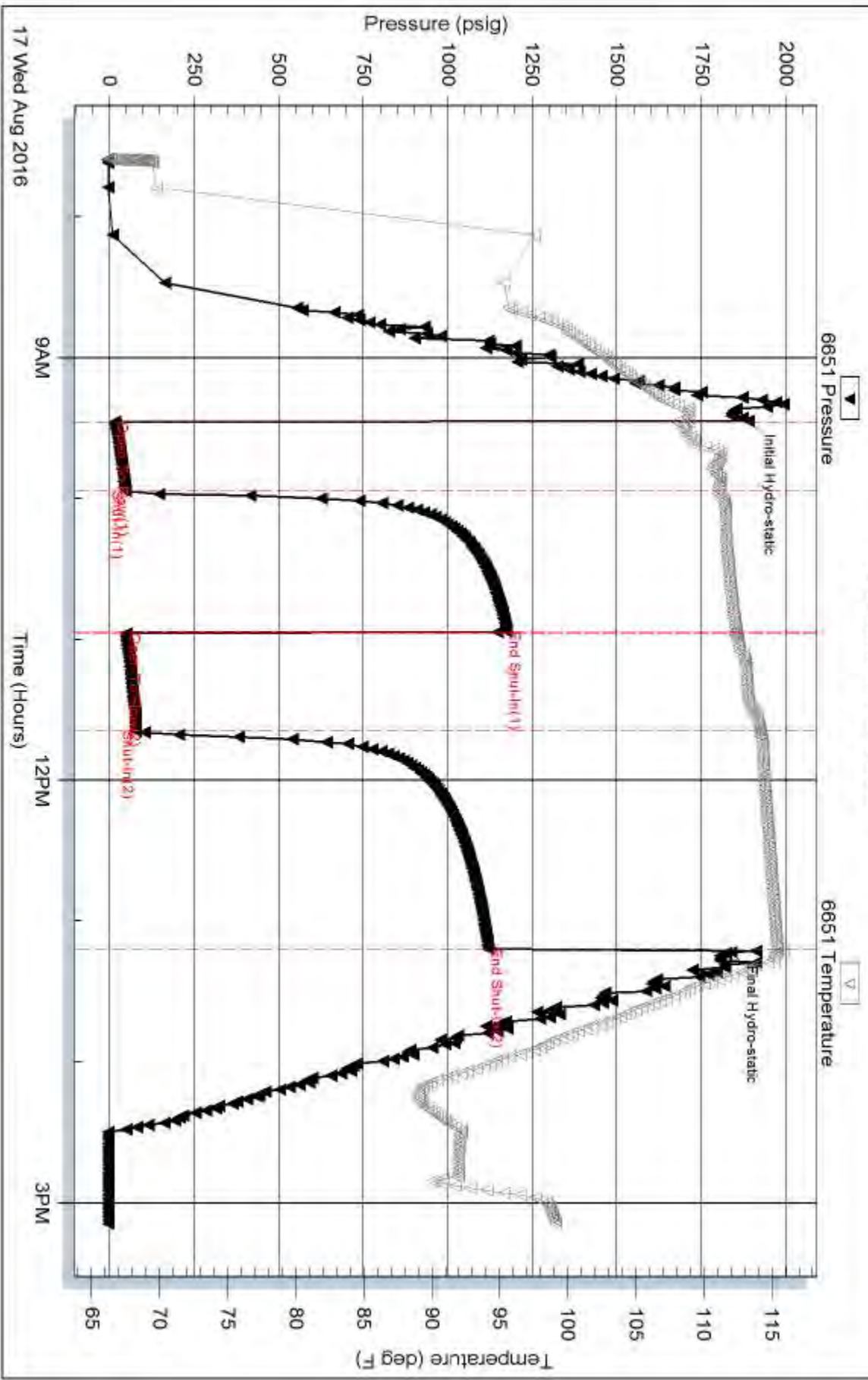
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



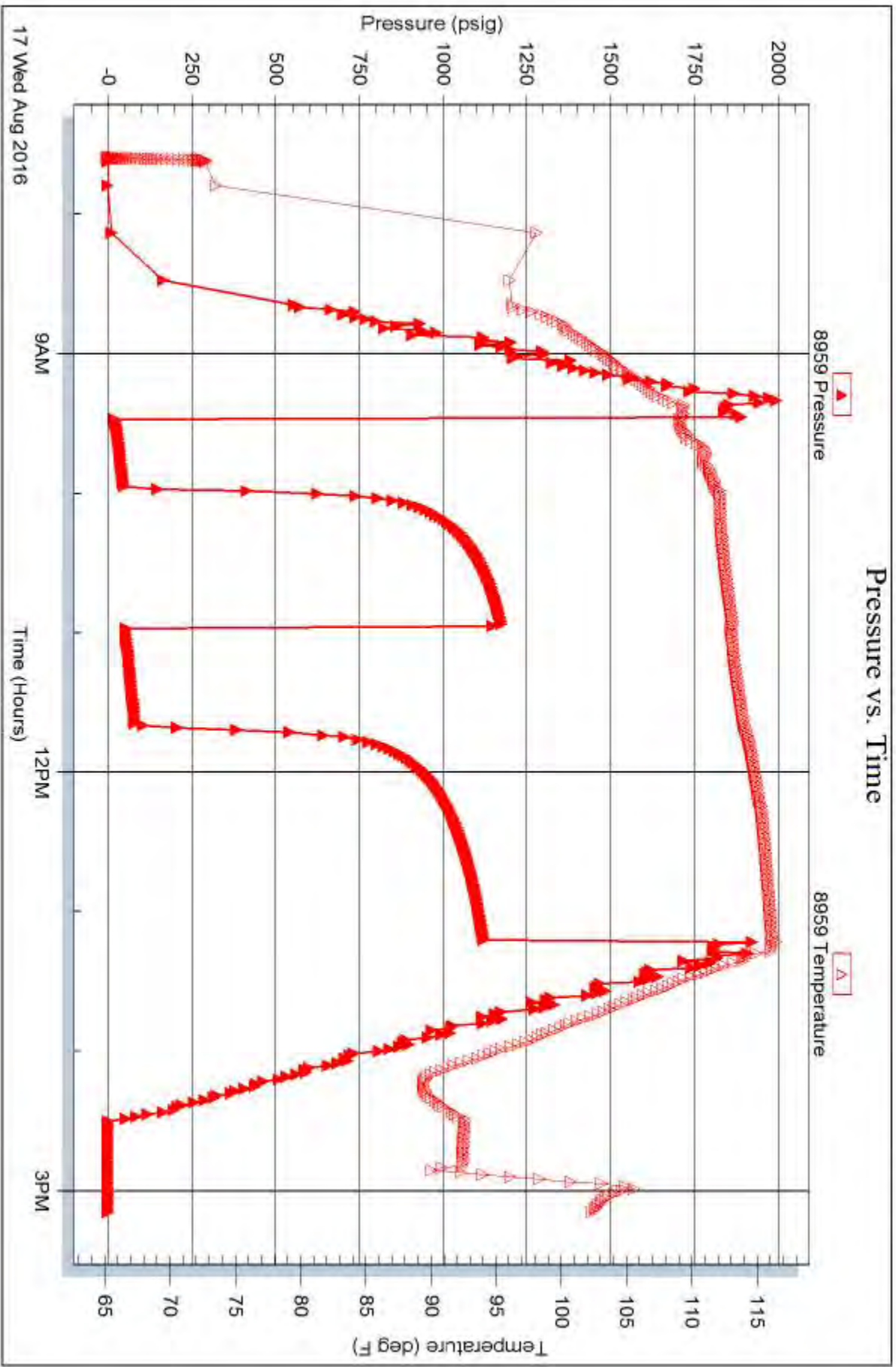


Serial #: 8959

Outside Suenor Exploration & Production, LLC

Shaw nSpressoTst1-26

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 58063

Printed: 2016.08.17 @ 15:47:08



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Suemaur Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58064

**DST#: 3**

Test Start: 2016.08.17 @ 21:16:56

## GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:17:56

Time Test Ended: 05:03:26

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 3902.00 ft (KB) To 3924.00 ft (KB) (TVD)**

Reference Elevations: 2735.00 ft (KB)

Total Depth: 3924.00 ft (KB) (TVD)

2730.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6651**

**Inside**

Press@RunDepth: 96.34 psig @ 3921.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.08.17

End Date:

2016.08.18

Last Calib.:

2016.08.18

Start Time: 21:16:57

End Time:

05:03:26

Time On Btm:

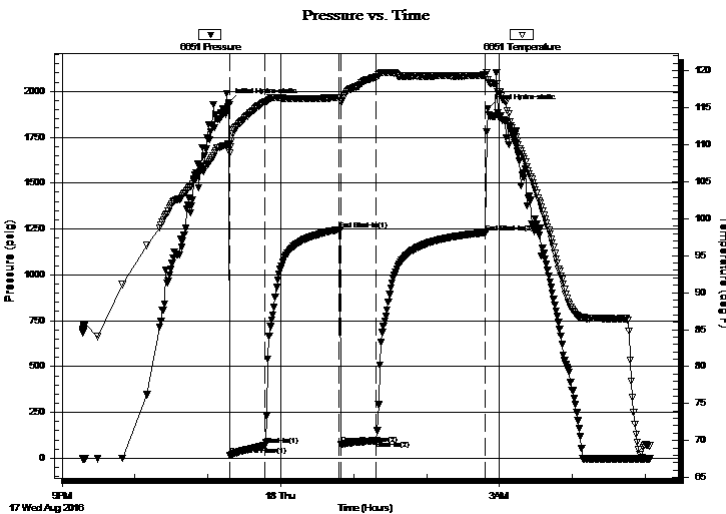
2016.08.17 @ 23:16:56

Time Off Btm:

2016.08.18 @ 02:50:26

**TEST COMMENT:** 30- IF- Slow ly built to 10"  
60- IS- No blow  
30- FF- Slow ly built to 11"  
90- FS- Surface blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1938.64	110.05	Initial Hydro-static
1	16.08	108.82	Open To Flow (1)
30	68.52	115.72	Shut-In(1)
91	1246.38	116.37	End Shut-In(1)
93	74.15	115.78	Open To Flow (2)
122	96.34	119.17	Shut-In(2)
212	1230.30	119.40	End Shut-In(2)
214	1907.55	118.80	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
125.00	HOCM, 35%O 65%M	0.61
100.00	CO	0.84

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Suemaour Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58064 **DST#: 3**

Test Start: 2016.08.17 @ 21:16:56

## GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:17:56

Time Test Ended: 05:03:26

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 3902.00 ft (KB) To 3924.00 ft (KB) (TVD)**

Reference Elevations: 2735.00 ft (KB)

Total Depth: 3924.00 ft (KB) (TVD)

2730.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8959 Outside**

Press@RunDepth: psig @ 3921.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.08.17

End Date:

2016.08.18

Last Calib.:

2016.08.18

Start Time: 21:16:48

End Time:

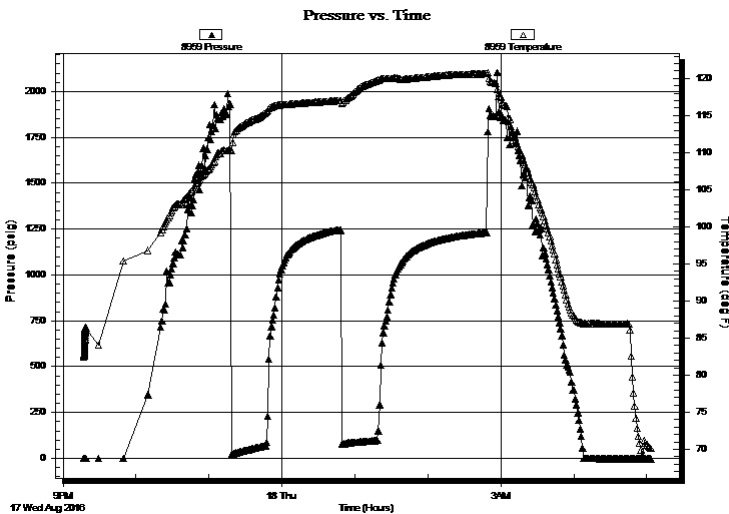
05:03:17

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF- Slow ly built to 10"  
60- IS- No blow  
30- FF- Slow ly built to 11"  
90- FS- Surface blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
125.00	HOCM, 35%O 65%M	0.61
100.00	CO	0.84

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Suemaaur Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58064

**DST#: 3**

Test Start: 2016.08.17 @ 21:16:56

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 6.79 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

34 deg API

Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	HOCM, 35%O 65%M	0.615
100.00	CO	0.844

Total Length: 225.00 ft      Total Volume: 1.459 bbl

Num Fluid Samples: 0

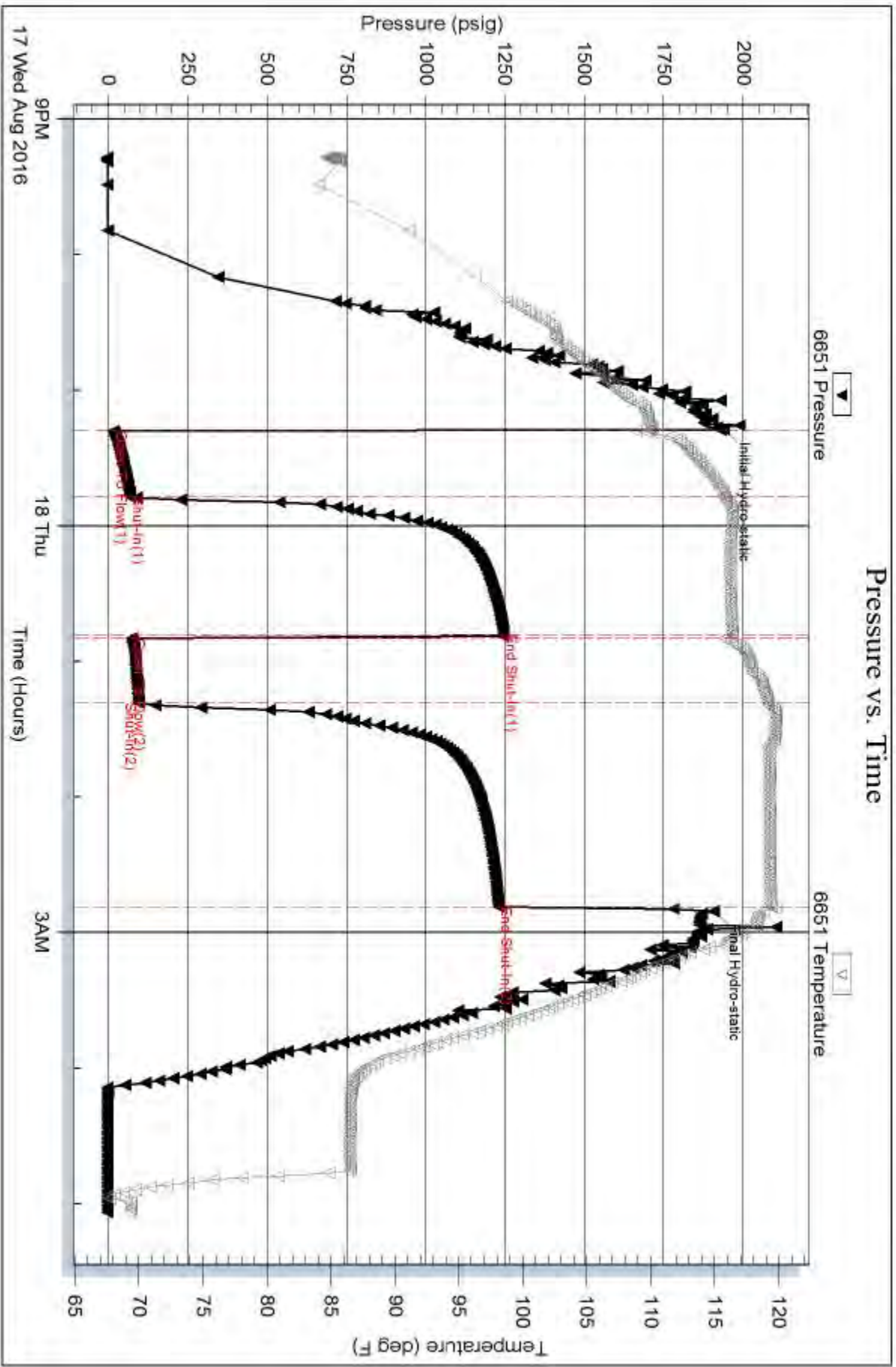
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

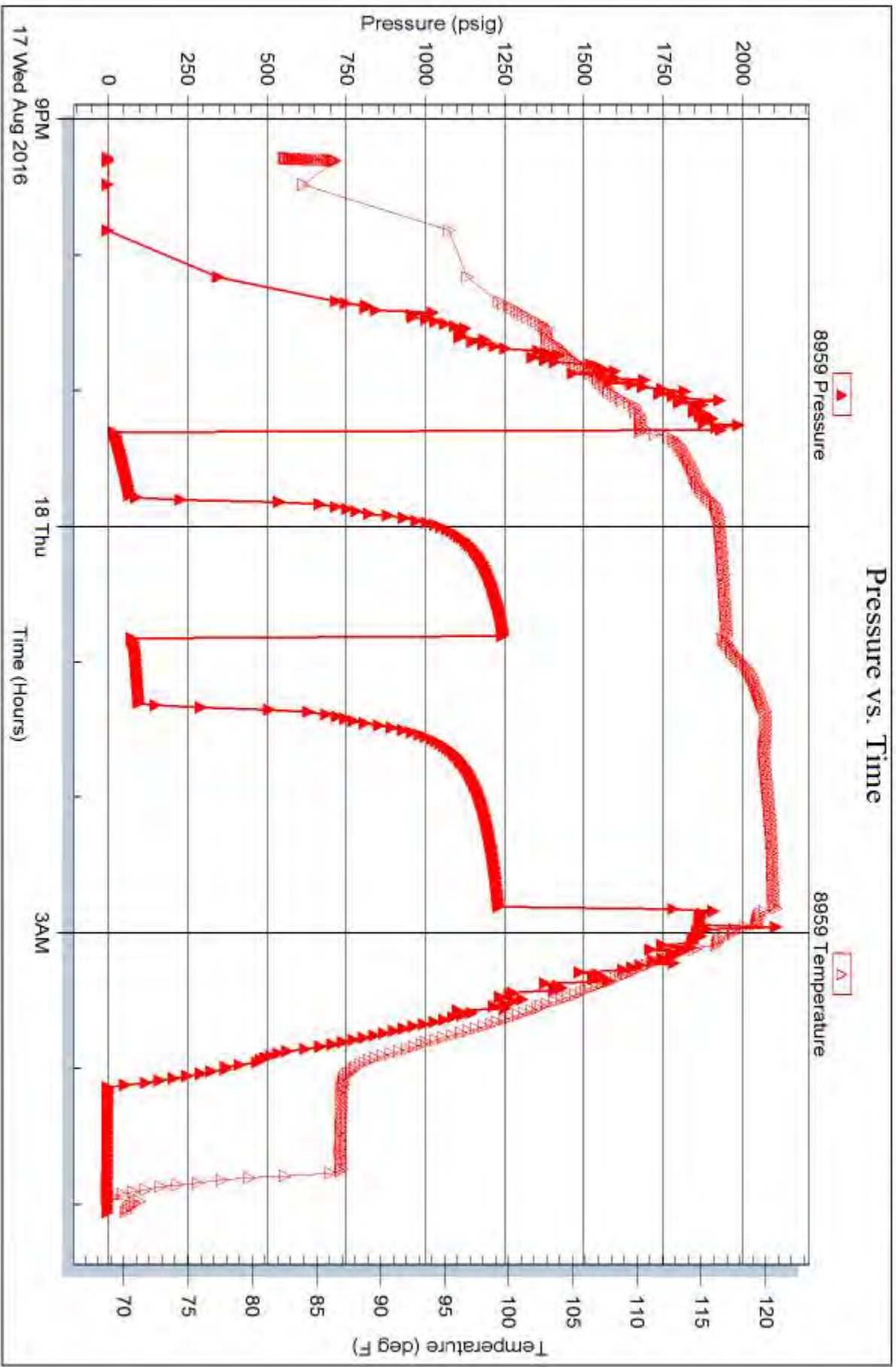


Serial #: 8959

Outside Suenor Exploration & Production, LLC

Shaw nSpresserTst1-26

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 58064

Printed: 2016.08.18 @ 06:41:29



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Suema Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58065

**DST#: 4**

Test Start: 2016.08.18 @ 15:57:25

## GENERAL INFORMATION:

Formation: **LKC "G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:11:25

Time Test Ended: 00:12:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 3966.00 ft (KB) To 3980.00 ft (KB) (TVD)**

Reference Elevations: 2735.00 ft (KB)

Total Depth: 3980.00 ft (KB) (TVD)

2730.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6651 Inside**

Press@RunDepth: 84.21 psig @ 3977.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.08.18

End Date:

2016.08.19

Last Calib.:

2016.08.19

Start Time: 15:57:26

End Time:

00:12:55

Time On Btm:

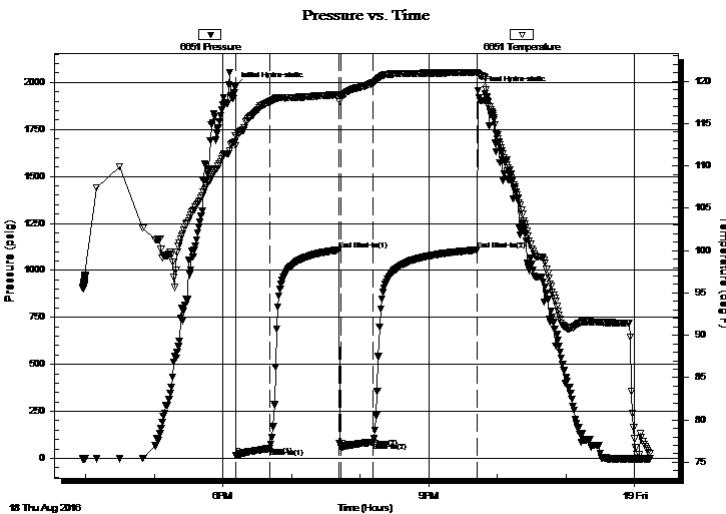
2016.08.18 @ 18:10:25

Time Off Btm:

2016.08.18 @ 21:42:55

**TEST COMMENT:** 30- IF- Slow ly built to 8"  
60- IS- Surface blow died in 7mins  
30- FF- Slow ly built to 11.5"  
90- FS- Surface blow died in 9mins

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1979.73	112.83	Initial Hydro-static
1	14.70	112.39	Open To Flow (1)
31	53.53	117.56	Shut-In(1)
91	1109.00	118.43	End Shut-In(1)
93	57.39	118.35	Open To Flow (2)
121	84.21	119.79	Shut-In(2)
212	1108.54	121.06	End Shut-In(2)
213	1955.00	120.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM, 20%O 80%M	0.30
130.00	CO	0.67
0.00	123' GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Suemaour Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58065

**DST#: 4**

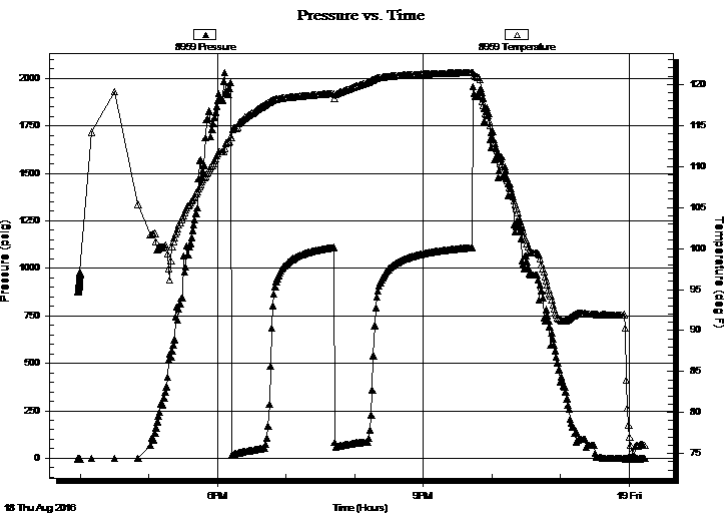
Test Start: 2016.08.18 @ 15:57:25

## GENERAL INFORMATION:

Formation: **LKC "G"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:11:25  
 Time Test Ended: 00:12:55  
 Interval: **3966.00 ft (KB) To 3980.00 ft (KB) (TVD)**  
 Total Depth: 3980.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brannan Lonsdale  
 Unit No: 73  
 Reference Elevations: 2735.00 ft (KB)  
 2730.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8959 Outside**  
 Press@RunDepth: psig @ 3977.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.08.18 End Date: 2016.08.19 Last Calib.: 2016.08.19  
 Start Time: 15:57:50 End Time: 00:13:19 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30- IF- Slow ly built to 8"  
 60- IS- Surface blow died in 7mins  
 30- FF- Slow ly built to 11.5"  
 90- FS- Surface blow died in 9mins



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM, 20%O 80%M	0.30
130.00	CO	0.67
0.00	123' GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Suemaaur Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58065 **DST#: 4**

Test Start: 2016.08.18 @ 15:57:25

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 33 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 800.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM, 20%O 80%M	0.295
130.00	CO	0.667
0.00	123' GIP	0.000

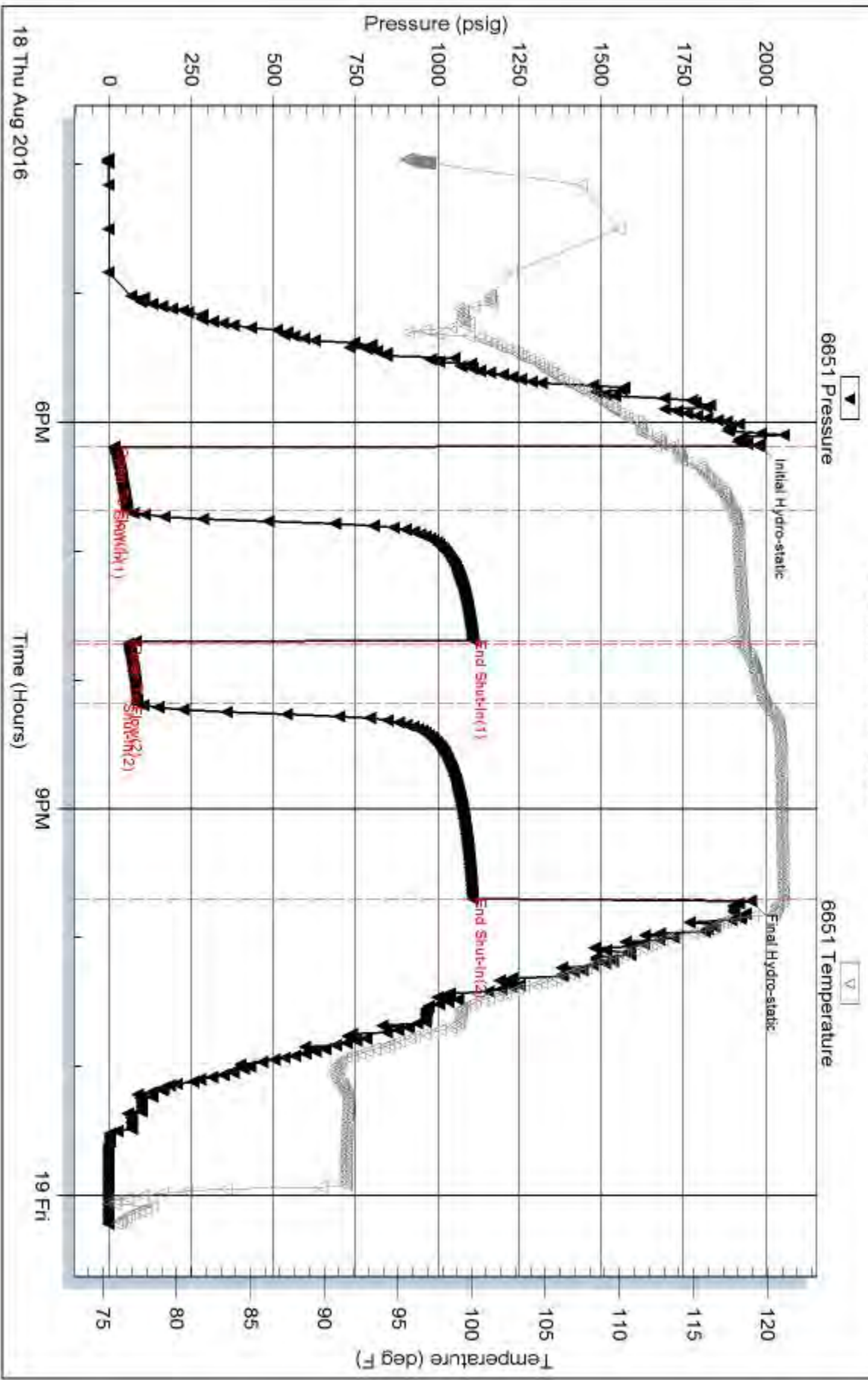
Total Length: 190.00 ft Total Volume: 0.962 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

### Pressure vs. Time

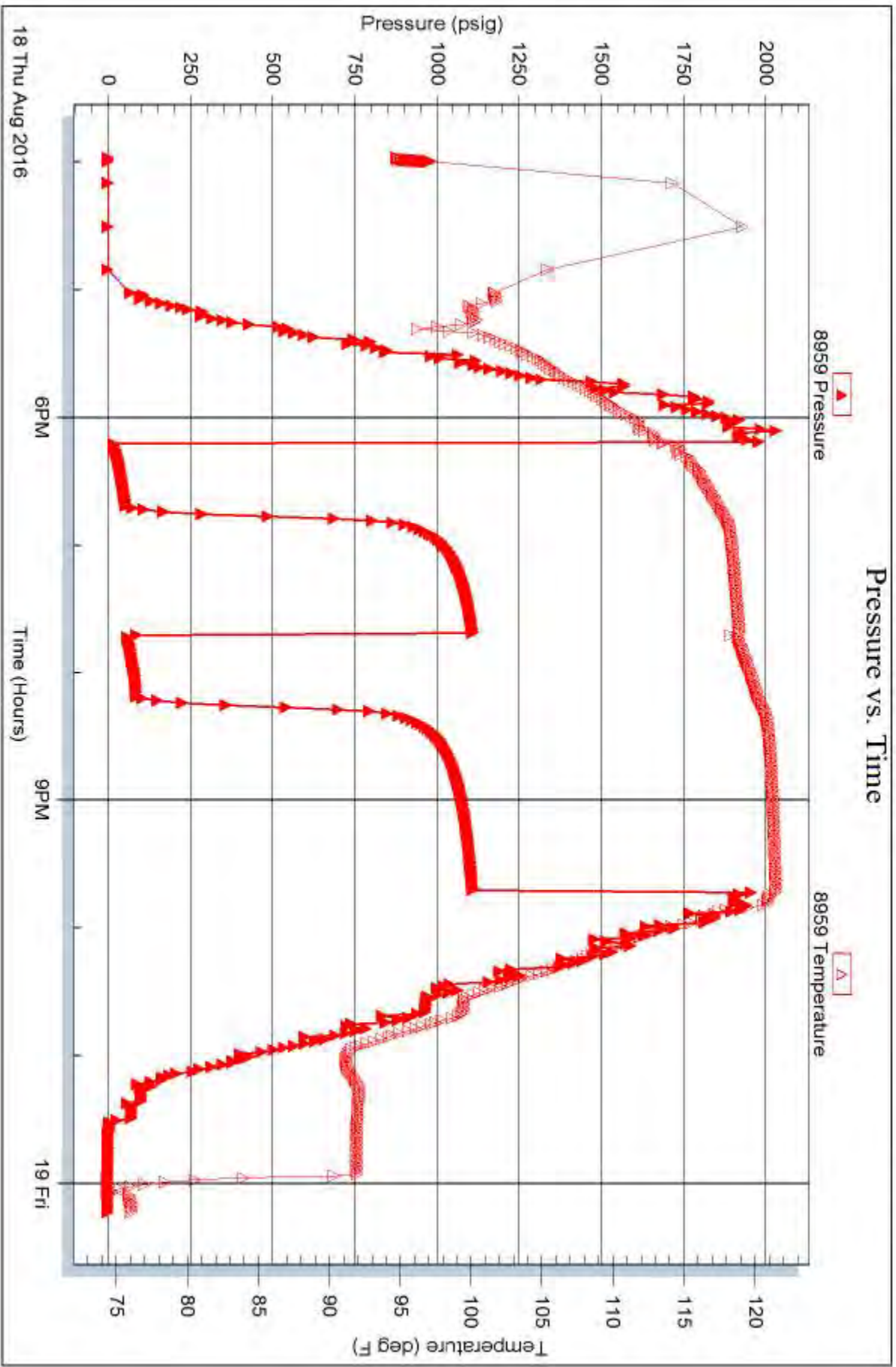


Serial #: 8959

Outside Suenor Exploration & Production, LLC

Shaw nSpresser TstH-26

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 58065

Printed: 2016.08.19 @ 07:02:48



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Suema Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58066

**DST#: 5**

Test Start: 2016.08.19 @ 06:55:42

## GENERAL INFORMATION:

Formation: **Lower G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:29:12

Time Test Ended: 20:08:12

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 3981.00 ft (KB) To 3998.00 ft (KB) (TVD)**

Reference Elevations: 2735.00 ft (KB)

Total Depth: 3998.00 ft (KB) (TVD)

2730.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6651 Inside**

Press@RunDepth: 619.10 psig @ 3995.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.08.19 End Date: 2016.08.19

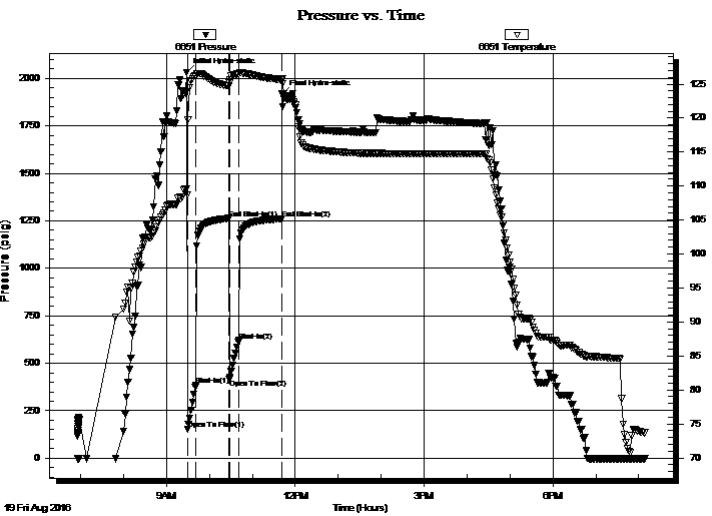
Last Calib.: 2016.08.19

Start Time: 06:55:43 End Time: 20:08:12

Time On Btm: 2016.08.19 @ 09:28:12

Time Off Btm: 2016.08.19 @ 11:41:42

**TEST COMMENT:** 15- IF- BOB 2mins  
45- IS- Surface blow died in 23mins  
15- FF- BOB 2mins  
60- FSI- .5" blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2031.54	109.59	Initial Hydro-static
1	153.33	108.75	Open To Flow (1)
13	382.36	126.22	Shut-In(1)
59	1262.77	124.71	End Shut-In(1)
60	417.00	125.17	Open To Flow (2)
73	619.10	126.46	Shut-In(2)
133	1261.57	125.62	End Shut-In(2)
134	1916.53	125.83	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1198.00	OCMW, 10%O 75%W 15%M	15.25
85.00	WOCM, 20%O 30%W 50%M	1.20
10.00	CO	0.14
0.00	95' GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Suemaur Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58066      **DST#: 5**  
Test Start: 2016.08.19 @ 06:55:42

**GENERAL INFORMATION:**

Formation: **Lower G**

Deviated: No Whipstock:                  ft (KB)

Time Tool Opened: 09:29:12

Time Test Ended: 20:08:12

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 3981.00 ft (KB) To 3998.00 ft (KB) (TVD)**

Total Depth: 3998.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2735.00 ft (KB)

2730.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8959      Outside**

Press@RunDepth:                  psig @      3995.00 ft (KB)

Start Date: 2016.08.19                  End Date: 2016.08.19

Start Time: 06:55:30                  End Time: 20:05:59

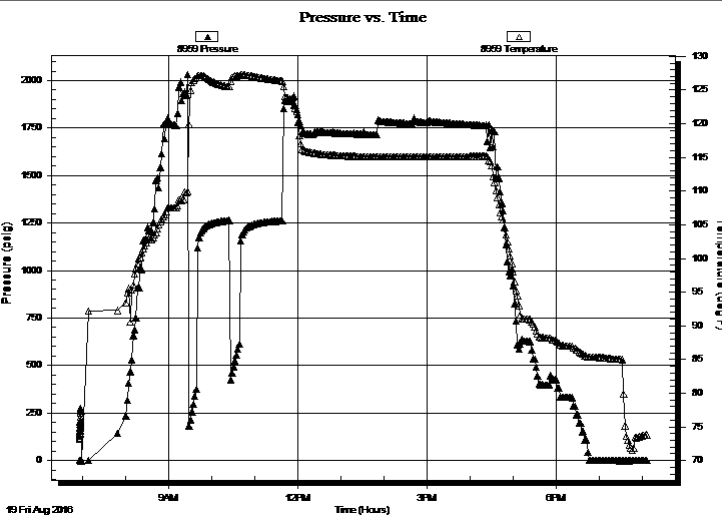
Capacity: 8000.00 psig

Last Calib.: 2016.08.19

Time On Btm:

Time Off Btm:

TEST COMMENT: 15- IF- BOB 2mins  
45- IS- Surface blow died in 23mins  
15- FF- BOB 2mins  
60- FS- .5" blow



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

**Recovery**

Length (ft)	Description	Volume (bbl)
1198.00	OCMW, 10%O 75%W 15%M	15.25
85.00	WOCM, 20%O 30%W 50%M	1.20
10.00	CO	0.14
0.00	95' GIP	0.00

\* Recovery from multiple tests

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Suemaour Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58066

**DST#: 5**

Test Start: 2016.08.19 @ 06:55:42

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 53.00 sec/qt  
Water Loss: 7.20 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 800.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 31 deg API  
Water Salinity: 65000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1198.00	OCMW, 10%O 75%W 15%M	15.251
85.00	WOCM, 20%O 30%W 50%M	1.205
10.00	CO	0.142
0.00	95' GIP	0.000

Total Length: 1293.00 ft      Total Volume: 16.598 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6651

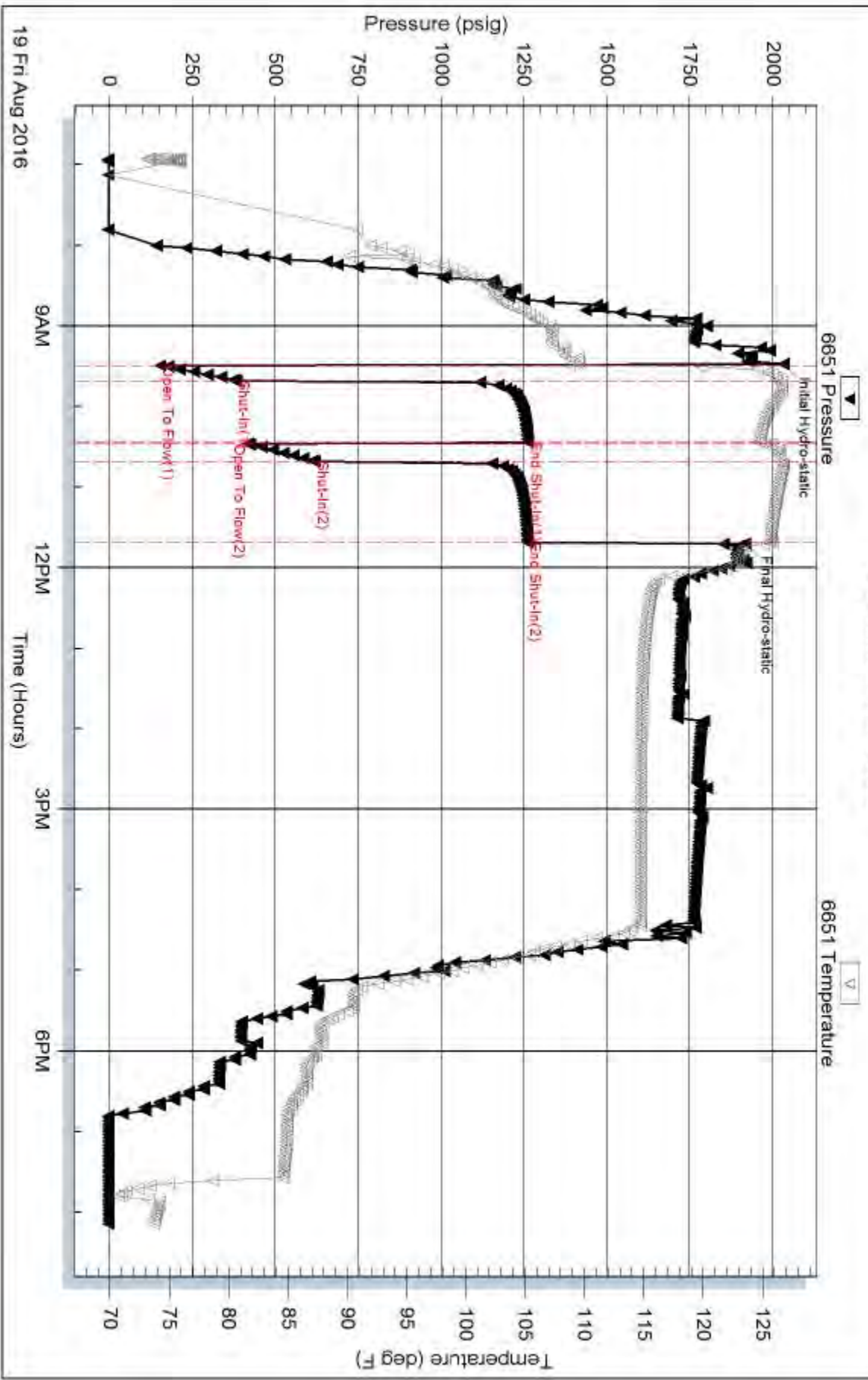
Inside

Suener Exploration & Production, LLC

Shaw nSpressoTst1-26

DST Test Number: 5

### Pressure vs. Time

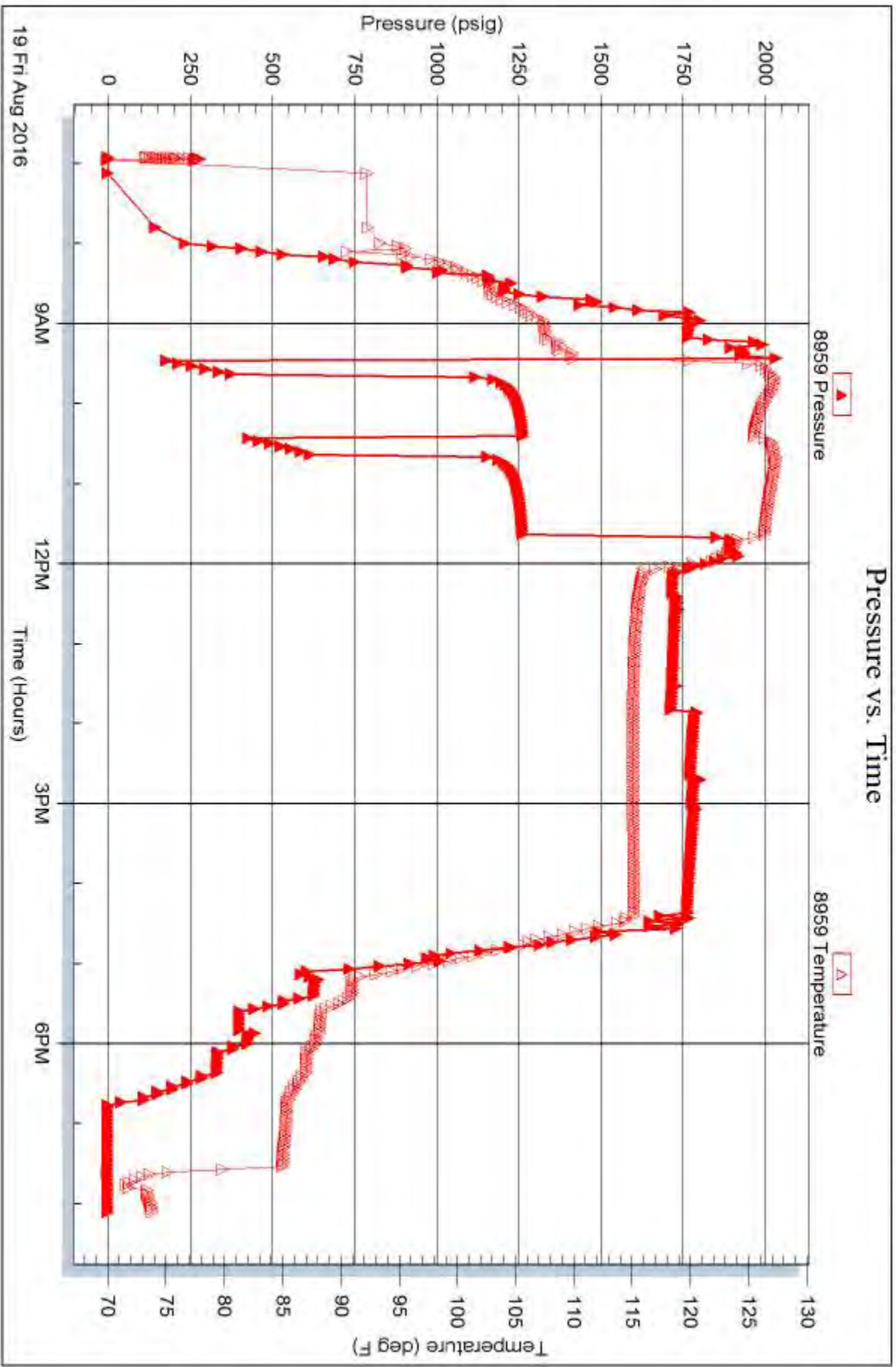


Serial #: 8959

Outside Suenor Exploration & Production, LLC

Shaw nSpresserTst1-26

DST Test Number: 5







**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Suema Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58067

**DST#: 6**

Test Start: 2016.08.20 @ 03:49:07

## GENERAL INFORMATION:

Formation: **LKC "H"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 06:47:07  
 Tester: Brannan Lonsdale  
 Time Test Ended: 11:45:37  
 Unit No: 73  
 Interval: **4013.00 ft (KB) To 4024.00 ft (KB) (TVD)**  
 Reference Elevations: 2735.00 ft (KB)  
 Total Depth: 4024.00 ft (KB) (TVD)  
 2730.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 5.00 ft

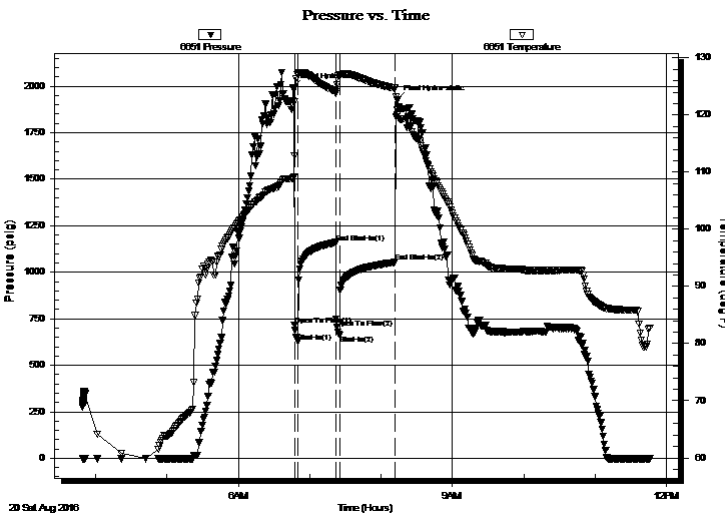
## Serial #: 6651

Inside

Press@RunDepth: 662.28 psig @ 4021.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.08.20 End Date: 2016.08.20 Last Calib.: 2016.08.20  
 Start Time: 03:49:08 End Time: 11:45:37 Time On Btm: 2016.08.20 @ 06:46:07  
 Time Off Btm: 2016.08.20 @ 08:13:07

TEST COMMENT: 05- IF- BOB 5secs  
 30- IS- Slowly built to 10"  
 05- FF- BOB 3secs  
 45- FSI- BOB 41mins

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1994.24	109.03	Initial Hydro-static
1	717.55	112.83	Open To Flow (1)
4	627.27	127.19	Shut-In(1)
36	1159.70	124.13	End Shut-In(1)
36	746.79	123.74	Open To Flow (2)
39	662.28	126.98	Shut-In(2)
86	1053.73	124.69	End Shut-In(2)
87	1927.48	120.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1511.00	CGO, 20%G 80%O	19.69
0.00	504' GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Suema Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58067

**DST#: 6**

Test Start: 2016.08.20 @ 03:49:07

## GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:47:07

Time Test Ended: 11:45:37

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 4013.00 ft (KB) To 4024.00 ft (KB) (TVD)**

Reference Elevations: 2735.00 ft (KB)

Total Depth: 4024.00 ft (KB) (TVD)

2730.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8959 Outside**

Press@RunDepth: psig @ 4021.00 ft (KB)

Start Date: 2016.08.20

End Date: 2016.08.20

Start Time: 03:49:16

End Time: 11:45:45

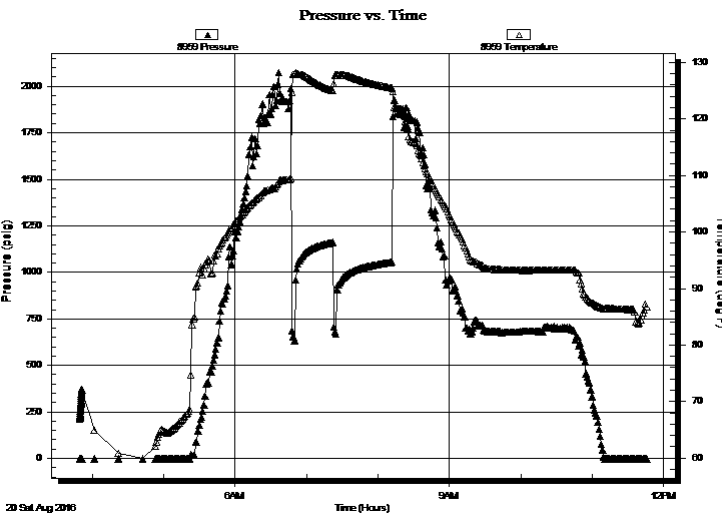
Capacity: 8000.00 psig

Last Calib.: 2016.08.20

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 05- IF- BOB 5secs  
30- IS- Slowly built to 10"  
05- FF- BOB 3secs  
45- FS- BOB 41mins



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
1511.00	CGO, 20%G 80%O	19.69
0.00	504' GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Suemaaur Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58067

**DST#: 6**

Test Start: 2016.08.20 @ 03:49:07

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 54.00 sec/qt  
Water Loss: 6.40 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 1200.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 34 deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1511.00	CGO, 20%G 80%O	19.688
0.00	504' GIP	0.000

Total Length: 1511.00 ft      Total Volume: 19.688 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

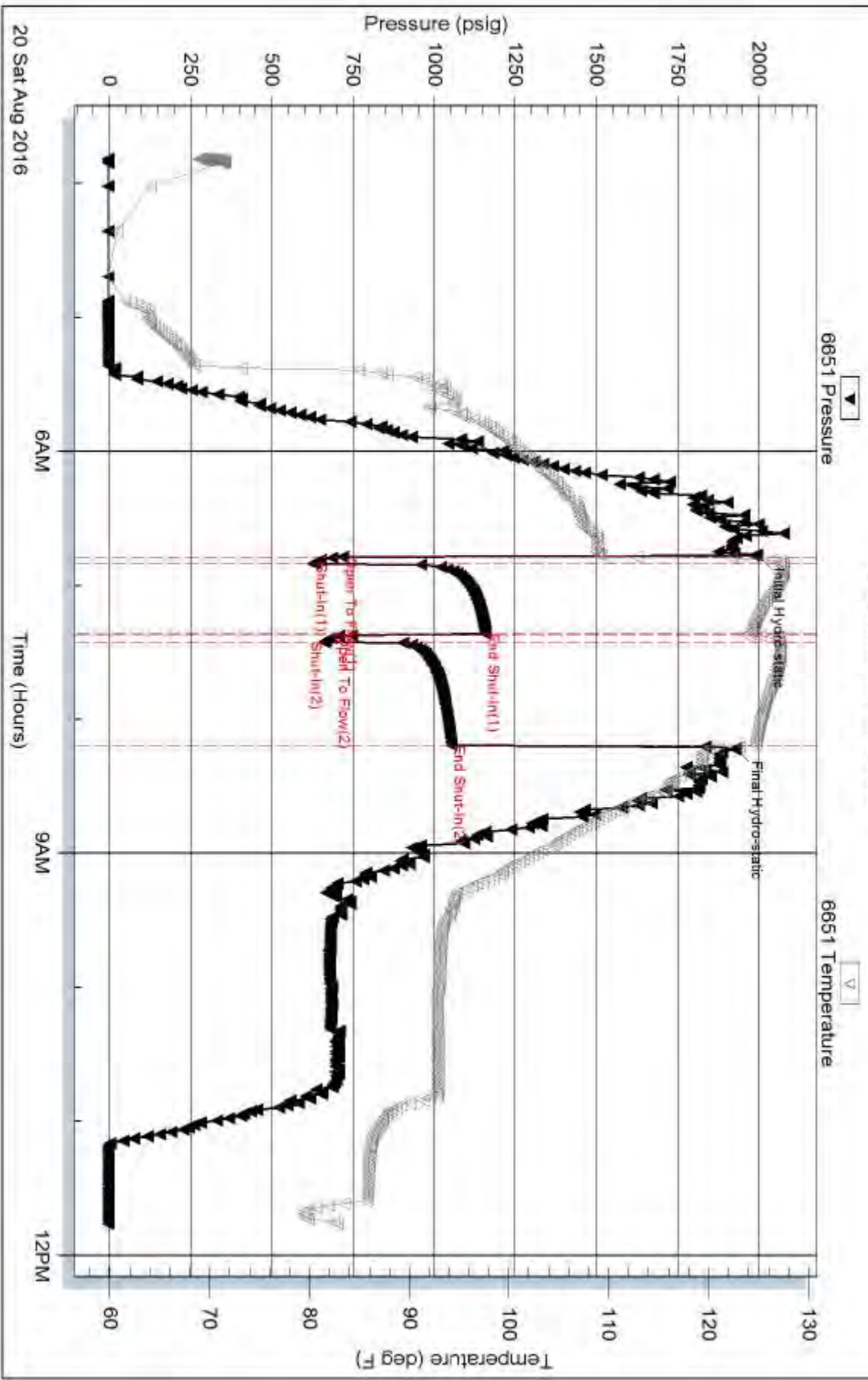
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

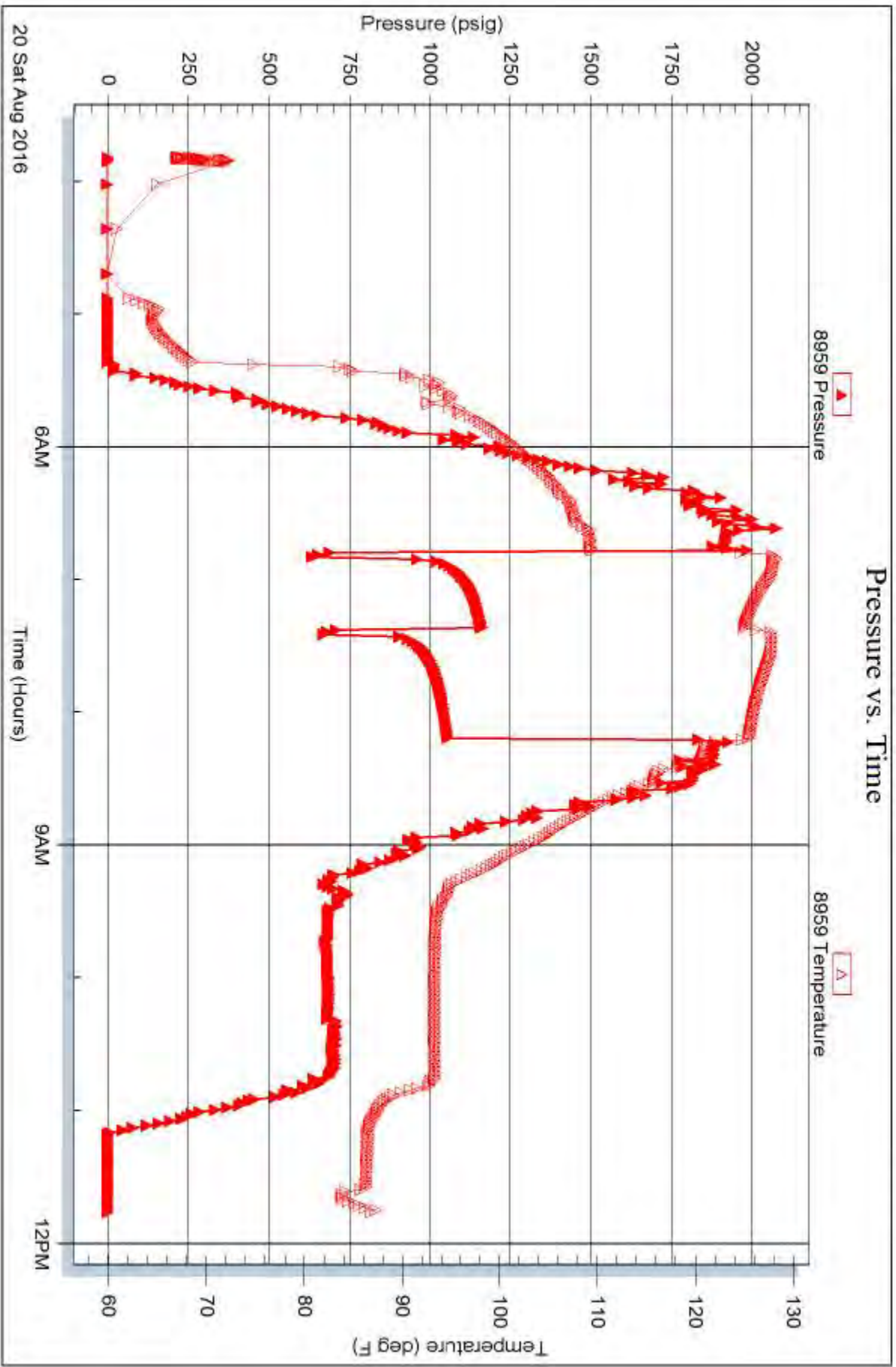


Serial #: 8959

Outside Suenor Exploration & Production, LLC

Shaw nSpresserTst1-26

DST Test Number: 6



Triobite Testing, Inc

Ref. No: 58067

Printed: 2016.08.20 @ 12:08:01



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Suema Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58068 **DST#: 7**

Test Start: 2016.08.21 @ 14:20:24

## GENERAL INFORMATION:

Formation: **Lecompton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:58:24

Time Test Ended: 21:19:54

Test Type: Conventional Straddle (Reset)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 3781.00 ft (KB) To 3799.00 ft (KB) (TVD)**

Reference Elevations: 2735.00 ft (KB)

Total Depth: 4202.00 ft (KB) (TVD)

2730.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6651 Inside**

Press@RunDepth: 53.36 psig @ 3782.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.08.21 End Date: 2016.08.21

Last Calib.: 2016.08.21

Start Time: 14:20:25 End Time: 21:19:54

Time On Btm: 2016.08.21 @ 16:57:54

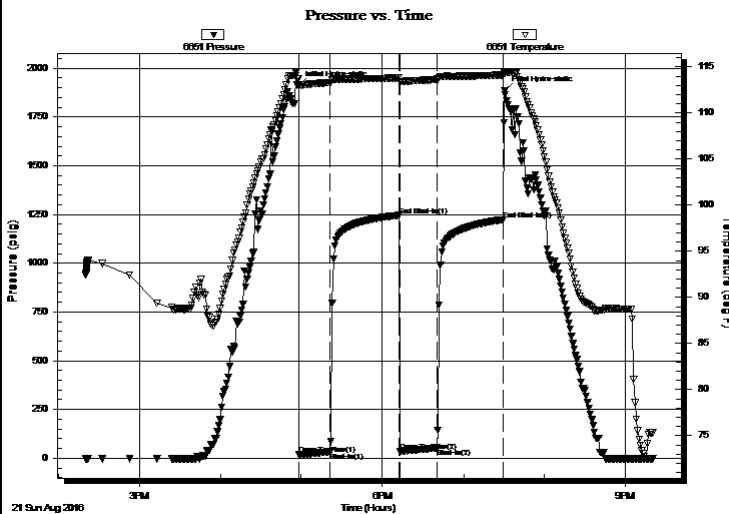
Time Off Btm: 2016.08.21 @ 19:30:24

TEST COMMENT: 30- IF- Slowly built to 1.5"

45- IS- No blow

30- FF- No blow

45- FSI- No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1909.81	113.69	Initial Hydro-static
1	19.37	113.03	Open To Flow (1)
24	33.19	113.29	Shut-In(1)
75	1245.73	113.81	End Shut-In(1)
75	34.85	113.41	Open To Flow (2)
103	53.36	113.60	Shut-In(2)
152	1223.90	114.12	End Shut-In(2)
153	1884.10	114.35	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
110.00	MW, 10%M 90%W	0.54
1.00	CO	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Suema Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58068 **DST#: 7**

Test Start: 2016.08.21 @ 14:20:24

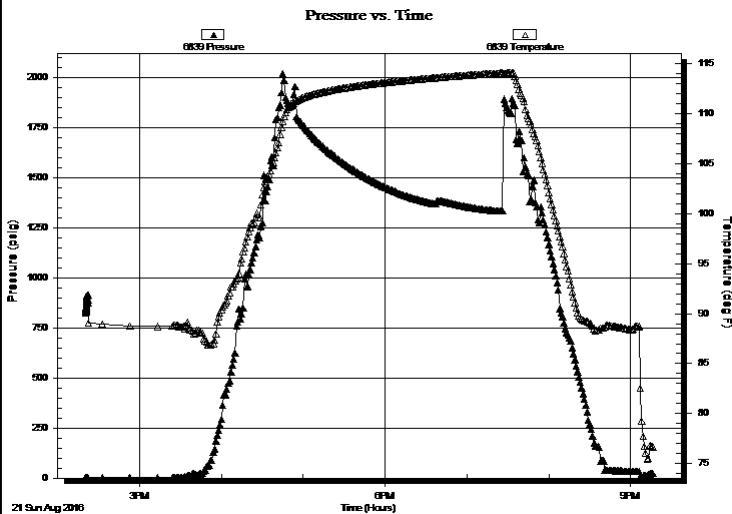
## GENERAL INFORMATION:

Formation: **Lecompton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:58:24  
 Time Test Ended: 21:19:54  
 Interval: **3781.00 ft (KB) To 3799.00 ft (KB) (TVD)**  
 Total Depth: 4202.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Brannan Lonsdale  
 Unit No: 73  
 Reference Elevations: 2735.00 ft (KB)  
 2730.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 6839 Below (Straddle)

Press@RunDepth: psig @ 3801.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.08.21 End Date: 2016.08.21 Last Calib.: 2016.08.21  
 Start Time: 14:20:34 End Time: 21:16:33 Time On Btm:  
 Time Off Btm:

TEST COMMENT: 30- IF- Slowly built to 1.5"  
 45- IS- No blow  
 30- FF- No blow  
 45- FS- No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
110.00	MW, 10%M 90%W	0.54
1.00	CO	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Suemauro Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**Shawn SpresserTst1-26**

Job Ticket: 58068

**DST#: 7**

Test Start: 2016.08.21 @ 14:20:24

### GENERAL INFORMATION:

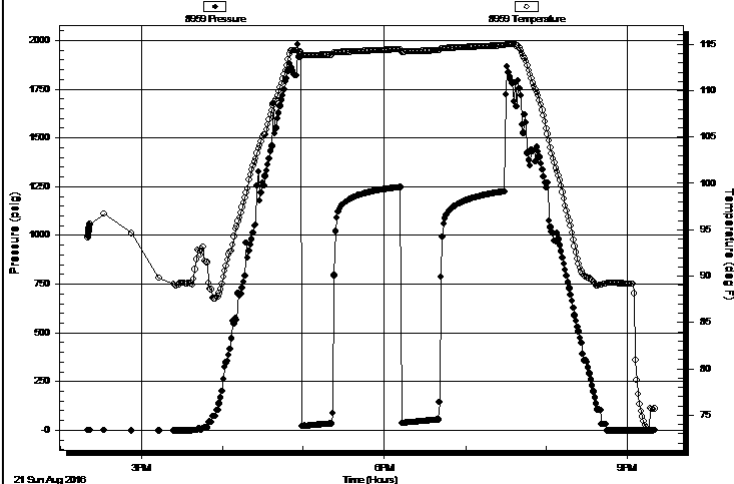
Formation: <b>Lecompton</b>		Test Type: Conventional Straddle (Reset)
Deviated: No Whipstock:	ft (KB)	Tester: Brannan Lonsdale
Time Tool Opened: 16:58:24		Unit No: 73
Time Test Ended: 21:19:54		Reference Elevations: 2735.00 ft (KB)
<b>Interval: 3781.00 ft (KB) To 3799.00 ft (KB) (TVD)</b>		2730.00 ft (CF)
Total Depth: 4202.00 ft (KB) (TVD)		KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair		

**Serial #: 8959 Outside**

Press@RunDepth: psig @ 3782.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2016.08.21 End Date: 2016.08.21	Last Calib.: 2016.08.21
Start Time: 14:20:25 End Time: 21:19:54	Time On Btm:
	Time Off Btm:

**TEST COMMENT:**  
30- IF- Slowly built to 1.5"  
45- IS- No blow  
30- FF- No blow  
45- FS- No blow

**Pressure vs. Time**



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

### Recovery

Length (ft)	Description	Volume (bbl)
110.00	MW, 10%M 90%W	0.54
1.00	CO	0.00

### Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Suemaaur Exploration & Production, LLC

**26-6S-28W Sheridan, KS**

539 N. Carancahua  
Suite 1100  
Corpus Christi, TX 78401  
ATTN: Bob Petersen

**ShawnSpresserTst1-26**

Job Ticket: 58068 **DST#: 7**

Test Start: 2016.08.21 @ 14:20:24

## 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:	17000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	MW, 10%M 90%W	0.541
1.00	CO	0.005

Total Length: 111.00 ft      Total Volume: 0.546 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 6651

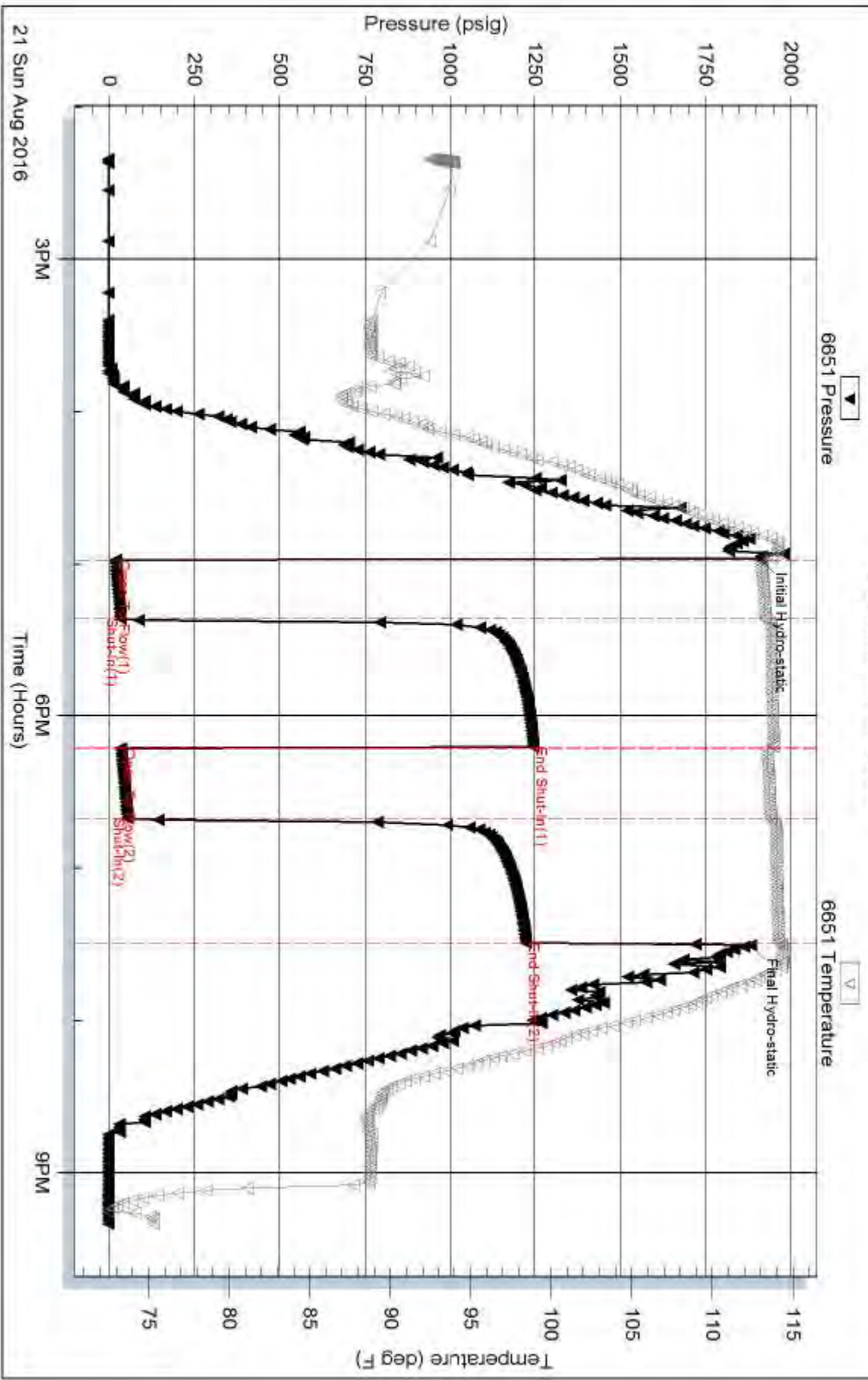
Inside

Suenaur Exploration & Production, LLC

Shaw nSpressoTst1-26

DST Test Number: 7

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 58068

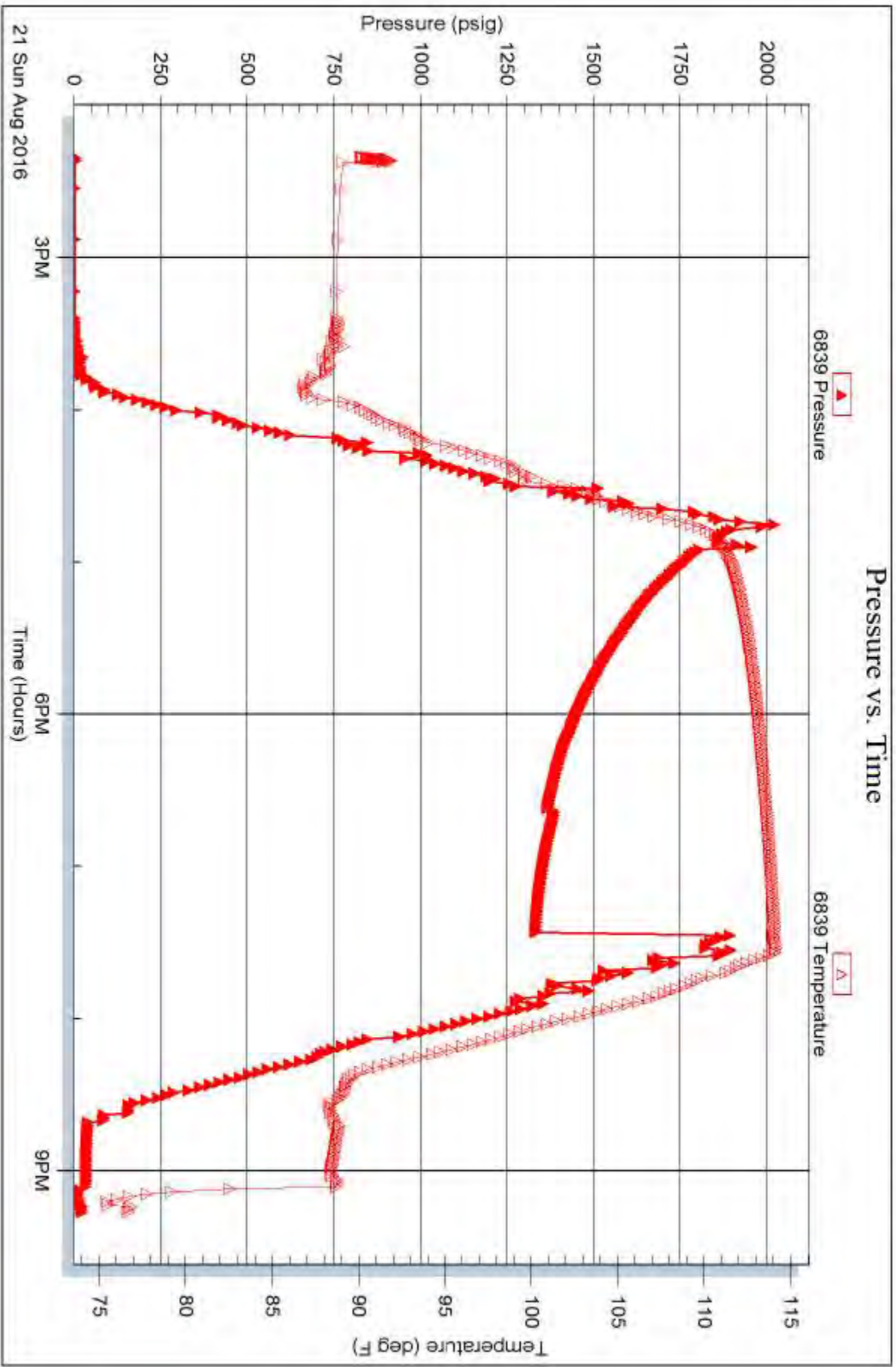
Printed: 2016.08.21 @ 21:40:13

Serial #: 6839

Below (Strata) Exploration & Production, LLC

Shaw nSpressoTst1-26

DST Test Number: 7



Triobite Testing, Inc

Ref. No: 58068

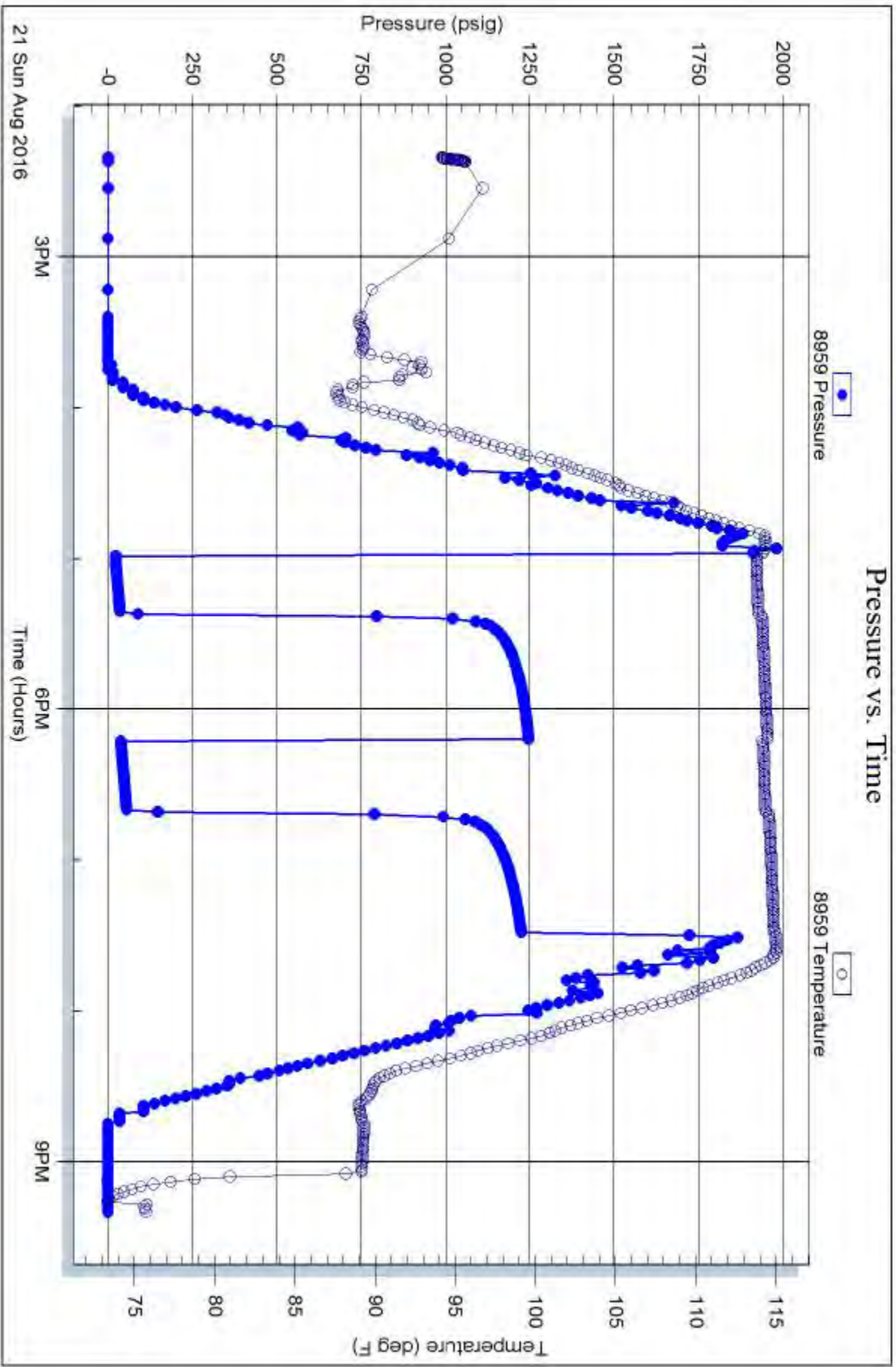
Printed: 2016.08.21 @ 21:40:13

Serial #: 8959

Outside Suenor Exploration & Production, LLC

Shaw nSpresserTst1-26

DST Test Number: 7





# ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

68095

REMIT TO: Allied OFS, LLC  
P.O. Box 205803  
Dallas, TX 75320-5803

SERVICE POINT:  
Oakley

DATE <u>8-13-16</u>	SEC. <u>26</u>	TWP. <u>63</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>12:00 PM</u>	JOB START <u>3:30</u>	JOB FINISH <u>4:00 PM</u>
SPRESSER LEASE <u>Forest</u>		WELL # <u>1-26</u>	LOCATION <u>Hoxie 8 N 15 2 N 1/2 E</u>		COUNTY <u>Sheridan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>Ninto</u>				

CONTRACTOR Murkin?  
 TYPE OF JOB Surface  
 HOLE SIZE 1 1/4 T.D. 342'  
 CASING SIZE 8 7/8 DEPTH 342'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15  
 PERFS.  
 DISPLACEMENT 20.82

OWNER Same  
 CEMENT AMOUNT ORDERED 300 sks com 3 1/2 cc  
1/4" Flo-seal  
 COMMON 300 sks @ 17.90 5370.00  
 POZMIX @  
 GBL @  
 CHLORIDE 846<sup>lb</sup> @ 1.10 930.60  
 ASC @  
Flo-seal 25# @ 297 222.75  
 @  
 @  
 @  
 @  
 @  
 @

EQUIPMENT  
 PUMP TRUCK CEMENTER Andrew Forstland  
 # 431 HELPER Wayne Mobley  
 BULK TRUCK  
 # 323 DRIVER Cory Brown  
 BULK TRUCK  
 # DRIVER

TOTAL 6523.35

DISCOUNT 50% 3261.67

### REMARKS:

Circulated 5 BBL To pit

Thank you

CHARGE TO: Sucragur exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### SERVICE

HANDLING 322 cu/ft @ 2.498 799.56  
 MILEAGE 2.25 per/mile 1603.25  
 DEPTH OF JOB 342'  
 PUMP TRUCK CHARGE 1512.25  
 EXTRA FOOTAGE @  
 HV MILEAGE 40 miles @ 7.70 308.00  
 LV MILEAGE 40 miles @ 4.40 176.00  
 @  
 @  
 TOTAL 4398.06  
 DISCOUNT 50% 2199.03

### PLUG & FLOAT EQUIPMENT

8 7/8  
1 stop collar @ 69.00  
3 centralizers @ 75.00 225.00  
 @  
 @  
 @  
 TOTAL 294.00  
 DISCOUNT 50% 147.00

To: Allied OFS, LLC.

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

PRINTED NAME Kelly Wilson

SIGNATURE Kelly Wilson

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 11,215.41  
 DISCOUNT 5.607.70 (50%) IF PAID IN 30 DAYS  
 NET TOTAL 5,607.70 IF PAID IN 30 DAYS

Bid



# CEMENTING LOG

STAGE NO. \_\_\_\_\_

Date 8-13-16 District Oakley Ticket No. 68095  
 Company SUMNER Rig MURPHY 7  
 Lease SPRESSER TRUST Well No. 1-26  
 County Sheridan State KS  
 Location 26 L 28 Field \_\_\_\_\_  
NOVIE @ N 16 2 N 1/2 E N 10

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type COM 3 3/4  
1/4 Flo-seal Excess \_\_\_\_\_

Amt. 300 Sks Yield 1.33 ft<sup>3</sup>/sk Density 14.89 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Casing Depths: Top KB Bottom 342

Pump Trucks Used 431  
 Bulk Equip. 323

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 12 1/4 T.D. 342 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer Weather Ford

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.0637 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity 3 Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. 1 stop collar  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>3:20</u>						Start mixing Cement Cement mixed Start Displacement
				<u>10</u> <u>10.8</u>		
<u>4:00</u>	<u>250</u>					Displacement in stop pump shut in Circulated 5 BBL TO PIT



# ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

68098

REMIT TO: Allied OFS, LLC  
P.O. Box 205803  
Dallas, TX 75320-5803

SERVICE POINT:  
Oakley

DATE <u>8-22-16</u>	SEC <u>2C</u>	TWP <u>2S</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>4:30 am</u>	JOB START <u>08:00 11:00</u>	JOB FINISH <u>10:00 2:00</u>
LEASE <u>SPRESSER TRUST</u>	WELL # <u>1-2C</u>	LOCATION <u>Hoxie 8N 1E 2N 1/2E</u>		COUNTY <u>Sheridan</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)				<u>Ninto</u>			

CONTRACTOR <u>Murphy</u>
TYPE OF JOB <u>Production</u>
HOLE SIZE <u>7 7/8</u> T.D. <u>4200'</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>4189'</u>
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL <u>DV</u> DEPTH <u>2468'</u>
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT <u>42'</u>
CEMENT LEFT IN CSG. <u>42'</u>
PERFS.
DISPLACEMENT <u>bottom 98.69</u> <u>top 58.73</u>
EQUIPMENT

PUMP TRUCK # <u>431-281</u>	CEMENTER <u>Andrew Forstner</u>
BULK TRUCK # <u>323</u>	DRIVER <u>Jade Mitten</u>
BULK TRUCK # <u>891</u>	DRIVER <u>Marty Phillips</u>
	HELPER <u>Wayne McWhorter</u>

OWNER <u>Same</u>
CEMENT
AMOUNT ORDERED <u>20 BBL Hivis sweep 20000 mud clean</u>
<u>125 SKS ASC (1" NPT) 5.5" C/W 5" Tails strike</u>
<u>325 Fluid Loss 14" SK Deformer</u>
<u>425 SKS LITE 14" FLO-SEAL</u>
COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC <u>125 SKS</u> @ <u>23.50</u> <u>2937.50</u>
<u>LITE 425 SKS</u> @ <u>19.88</u> <u>8443.00</u>
<u>Hivis Sweep 20000</u> @ <u>25.00</u> <u>5000.00</u>
<u>Mud Clean</u> @ <u>41.09</u> <u>821.80</u>
<u>14" Seal 1.25" #</u> @ <u>.98</u> <u>612.50</u>
<u>Fluid Loss 94" #</u> @ <u>23.10</u> <u>2171.40</u>
<u>Deformer 17" #</u> @ <u>3.50</u> <u>59.50</u>
<u>Flo-seal 119" #</u> @ <u>2.97</u> <u>353.43</u>
TOTAL <u>16,899.13</u>
DISCOUNT <u>50%</u> <u>8449.57</u>

### REMARKS:

Pump 20 BBL Hivis sweep 20 BBL mud clean in 125 SKS ASC wash pump and line clean Release Plug and Displace 1100' LIFT Pressure 1800' Plug 1800' float held open DV tool 600' Plug mouse hole plug Rot hole mix 420 SKS down 5 1/2 casing best circulation after mixing 380 SKS Wash pump and line clean Release and Displace plug 800' LIFT 1800' land plug tool closed Displace 3 BBL mix no circulation Thank you Hole stayed full

CHARGE TO: Sueman Exploration  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### SERVICE

HANDLING <u>684.40</u> @ <u>2.48</u> <u>1697.31</u>
MILEAGE <u>2.25</u> @ <u>140.00</u> <u>315.00</u>
DEPTH OF JOB <u>4189'</u>
PUMP TRUCK CHARGE <u>2765.25</u> <u>2400.25</u>
EXTRA FOOTAGE @
HV MILEAGE <u>40</u> @ <u>7.70</u> <u>308.00</u>
LV MILEAGE <u>40</u> @ <u>4.40</u> <u>176.00</u>
Stand by Pump @ <u>500.00</u>
Head + man Pkts @ <u>275.00</u>
TOTAL <u>15,800.71</u>
DISCOUNT <u>50%</u> <u>7,900.35</u>

### PLUG & FLOAT EQUIPMENT

<u>1 API Float shoe</u> @ <u>545.00</u>
<u>1 Latch down plug Assy</u> @ <u>660.00</u>
<u>1 DV Tool</u> @ <u>5335.00</u>
<u>40 Centralizers</u> @ <u>57.00</u> <u>2280.00</u>
<u>1 Box Thread Lock</u> @ <u>85.00</u>
TOTAL <u>8,905.00</u>
DISCOUNT <u>50%</u> <u>4452.50</u>

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

PRINTED NAME \_\_\_\_\_

SIGNATURE [Signature]

THILL PRINTING CO., INC. - GREAT BEND, KS

SALES TAX (if Any) _____
TOTAL CHARGES <u>41,604.84</u>
DISCOUNT <u>20,802.42 (50%)</u> IF PAID IN 30 DAYS
NET TOTAL <u>20,802.42</u> IF PAID IN 30 DAYS

Bid



# CEMENTING LOG

STAGE NO. 1

Date 8-22-16 District Ogkley Ticket No. 68098  
 Company Symour Rig MURFIN  
 Lease Symour Trust Well No. 1-26  
 County Sheridan State KS  
 Location 26 6 28 Field \_\_\_\_\_  
Hixie 8N 1E 2N 1/2E N100

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2 Type NEW Weight 15.5 Collar \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: 2000 Hixie sweep 2000 mud clean  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type ASC  
 Excess \_\_\_\_\_  
 Amt. 125 Sks Yield 1.52 ft<sup>3</sup>/sk Density 14.5 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Casing Depths: Top KB Bottom 4189'

Pump Trucks Used 431  
 Bulk Equip. 323

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 4200 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer weatherford  
 Shoe: Type API float shoe Depth 4189'  
 Float: Type latchdown plug Assy Depth 4147'  
 Centralizers: Quantity 30 Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars DV TOOL 2468'  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type water mud Amt. 98.69 Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER Andrew

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pump Hixie sweep pump mud clean mix ASC wash pump and line clean Release Plug start displacement with water
				10		
	200			10	7	
				10		
				10	7	water in start mud
	400			10		
				10		
	600			10		
				10		
	800			10		
				10		
	1000			10	7	
				9.5	4.5	
	1100					plug landed float held open DV TOOL
	1800					

FINAL DISP. PRESS: 1100 PSI BUMP PLUG TO 1800 PSI BLEEDBACK 1/2 BBLs. THANK YOU





# CEMENTING LOG

STAGE NO. 2

Date 8-22-16 District Oakley Ticket No. 18098  
 Company Suemar Rig marpin 7  
 Lease spresser Well No. 1-26  
 County Sheridan State KS  
 Location 26 C 28 Field \_\_\_\_\_  
Hoxie 8N1E 2N 12E N10

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2 Type NEW Weight 15.5 Collar \_\_\_\_\_

Casing Depths: Top KB Bottom 4189'

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 4120 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbbls/Lin. ft. .0238 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: Water  
 Amt. 20 BBL Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type Lite 4/10 Seal  
 Excess \_\_\_\_\_  
 Amt. 475 Skys Yield 2120 ft<sup>3</sup>/sk Density 12.00 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 431  
 Bulk Equip. 891

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type Water Amt. 8123 Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>1:30</u>					<u>4.5</u>	<u>plug mouse hole</u>
					<u>9</u>	<u>plug Rat hole</u>
					<u>20</u>	<u>pump water</u>
						<u>MIX 430 SKS down 5 1/2 casing</u>
						<u>lost circulation</u>
						<u>wash pump and line clean</u>
					<u>10</u>	<u>start displacement</u>
					<u>10</u>	<u>no circulation</u>
	<u>500</u>				<u>10</u>	
					<u>10</u>	
					<u>10</u>	
	<u>700</u>				<u>10</u>	
	<u>900</u>				<u>9</u>	
	<u>1800</u>					<u>plug landed</u>
<u>2:30</u>						<u>tool closed</u>
						<u>Cement did not circulate</u>

Date 8-22-16 District Dakota Ticket No. 68298  
 Company Sycamore Rig Murphy 7  
 Lease Sycamore Trust Well No. 1-26  
 County Stoddard State KS  
 Location 2 6 28 Field \_\_\_\_\_  
Hixie 8N 1E 2N 12E NINDO

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2 Type NEW Weight 15.5 Collar \_\_\_\_\_

Casing Depths: Top KB Bottom 4189'

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 4200 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 10238 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

## CEMENT DATA:

Spacer Type: 2000 Hixie sweep 2000 mud clean  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type ASC  
 Excess \_\_\_\_\_

Amt. 125 Sks Yield 1.56 ft<sup>3</sup>/sk Density 14.5 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 431

Bulk Equip. 333

Float Equip: Manufacturer weatherford

Shoe: Type flex float shoe Depth 4189'

Float: Type latchdown plug Assy Depth 4147'

Centralizers: Quantity 30 Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars DV TOOL 2468'

Special Equip. \_\_\_\_\_

Disp. Fluid Type water mud Amt. 28169 Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pump Hixie sweep
						pump mud clean
						mix ASC
						wash pump and line clean
						Release plug
						start displacement with water
				10		
	200			10	7	
				10		
				10		
	400			10	7	water in start mud
				10		
	600			10		
				10		
	800			10		
				10		
	1000			10	7	
	1100			8.5	4.5	
	1800					plug landed
						float held
						open DV TOOL

Date 8-22-16 District Oakley Ticket No. LS098  
 Company Suemar Rig martin 7  
 Lease spresso Well No. 1-26  
 County Sheridan State KS  
 Location 26 C 28 Field \_\_\_\_\_  
HOIE 8 N 15 E 28 1/2 NE N10D

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2 Type NEW Weight 15.5 Collar \_\_\_\_\_

Casing Depths: Top KB Bottom 4189'

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 4220 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: water  
 Amt. 20200 Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type Lite 4/10-201  
 Excess \_\_\_\_\_  
 Amt. 475 Skys Yield 2120 ft<sup>3</sup>/sk Density 12.00 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 431  
 Bulk Equip. 891

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type water Amt. 58,23 Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
1:30				4.5		plug mouse hole plug rat hole pump water mix 430 skys down 5 1/2 casing <sup>lost</sup> circulate wash pump and line clean start displacement no circulation  plug landed tool closed cement did not circulate
				9		
				20		
				10	3	
	500			10		
				10		
	700			10	3	
	800			9		
	1800					
2:30						

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

**SUEMAUR EXPLORATION & PROD., LLC**  
**SHAWN SPRESSER TRUST. #1-26**  
**SEC. 26 TWP 6S RGE 28W**  
**NE SW SE SW**  
**578' FSL & 1837' FWL**  
**SHERIDAN COUNTY, KANSAS**  
**API: 15-179-21419-00-00**

**ELEVATION**  
**KB: 2735**  
**GL: 2730**  
**LOG MEASURED FROM: KB**

**SURFACE CASING**  
**8 5/8" Set @ 345 KB**  
**W/300 SX 3% CC 2%gel**  
**PRODUCTION CASING**  
**5 1/2"**

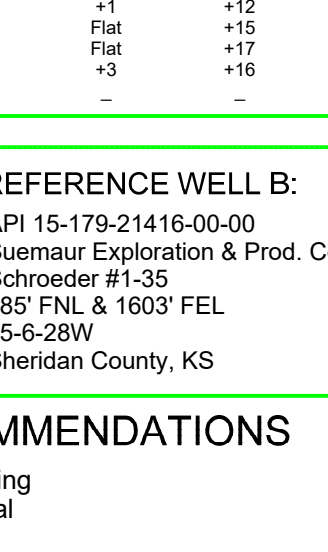
**DRILLING CONTR.: MURFIN RIG #7**  
**SPUD: 08-13-2016 COMP: 08-21-2016**  
**MUD UP: 3050' TYPE MUD: CHEM.**  
**DRILL TIME: 3300' to RTD**  
**RTD: 4200' LTD: 4202'**  
**SAMPLES TAKEN: 3350' to RTD**  
**GEOLOGIST: ROBERT J. PETERSEN**

**WELL LOG SURVEYS**  
**ARRAY INDUCTION/**  
**CN-DL-GR**  
**MICROLOG**  
**BHCS**

### ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM
Stone Corral	2487	268
Base Stone Corral	2502	233
Foraker	3356	-921
Stoller	3525	-790
Howard	3602	-867
Topeka	3650	-915
Tecumseh SD	3746	-1011
Lecompton	3780	-1045
Oread	3808	-1073
Heebner	3849	-1114
Toronto	3877	-1142
Lansing	3894	-1159
C Zone	3923	-1188
G Zone	3974	-1239
Lower G por	3988	-1253
Muncie Cr. Shale	3988	-1263
H Zone	4010	-1275
J Zone	4047	-1312
Stark	4050	-1315
K Zone	4069	-1334
L Zone	4088	-1353
BKC	4099	-1364
Marmaton	4117	-1382
RTD	4200	-1465

### LOCATION MAP



**REFERENCE WELL A:**  
 API 15-179-21414-00-00  
 Suemaur Exploration & Prod. Co  
 Schrodner #1  
 365' FSL & 2246' FEL  
 26-6-28W  
 Sheridan County, KS

**REFERENCE WELL B:**  
 API 15-179-21416-00-00  
 Suemaur Exploration & Prod. Co  
 Schrodner #1-35  
 685' FNL & 1603' FEL  
 35-6-28W  
 Sheridan County, KS

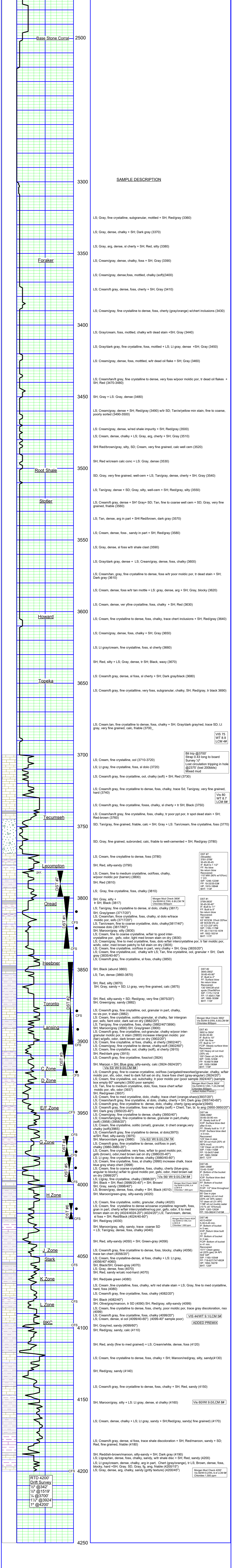
**DAILY REPORT @7:00 A.M.**  
 8-13-16 MIRU/SPUD  
 8-14-16 345' WOC  
 8-15-16 2785' Drilling  
 8-16-16 3817' CFS  
 8-17-16 3902' TOH  
 8-18-16 3924' TOH  
 8-19-16 3998' TOH  
 8-20-16 4024' DST #6  
 8-21-16 4200' RTD TOH for log

### REMARKS AND RECOMMENDATIONS

The engineer will run production casing to further test this well for commercial production.

### REMARKS AND RECOMMENDATIONS

The engineer will run production casing to further test this well for commercial production.



Bit trip @3700'  
 Strip 0.43' long to board  
 Survey 1/2"  
 Lost circulation tripping in hole  
 @2375' (lost 200bbbls)  
 Mixed mud

Vis 75  
 WT 8.9  
 LCM #

Vis 80  
 WT 8.7  
 LCM #

DST #7  
 3781-3799  
 30-45-30-45  
 IF: Built to 1 1/2"  
 FF: No blow  
 No return blow  
 Recovered:  
 157' MW  
 63' WOCM 5%oil/20%w  
 48' SOCM 5% oil  
 15' CO (33' API)  
 SIF: 1185-1179#  
 SIF: 1185-1179#  
 HP: 1825-1831#  
 BHT: 1147'

DST #2  
 3845-3902  
 30-40-45-90"  
 IF: Built to 11"  
 FF: Surface blow  
 No return blow  
 Recovered:  
 130' SWCM w/oil  
 spots 2%w/80%tm  
 SIF: 1175-1121#  
 SIF: 1175-1121#  
 HP: 1825-1831#  
 BHT: 1155'

Morgan Mud Check 3902'  
 Vis 53W/9.1W/L 6.4  
 Chlorides 800ppm

DST #3  
 3902 to 3924  
 30-40-30-90  
 IF: Built to 10"  
 FF: No blow  
 Recovered:  
 130' Steady surface blow  
 Recovered:  
 100' Clean oil (34 API)  
 SIF: 1246-1239#  
 SIF: 1246-1239#  
 HP: 1825-1831#  
 BHT: 1147'

Morgan Mud Check 3924'  
 Vis 53W/9.1W/L 7.2 LCM #  
 Chlorides 800ppm

DST #4  
 3966-3987  
 30-40-30-90  
 IF: Built to 10"  
 FF: Surface blow died  
 in 9 min.  
 Recovered:  
 129' Gas in pipe  
 60' Oil cut mud (20% oil  
 80% clean oil (33 API)  
 SIF: 1109-1109#  
 SIF: 15-5457-54#  
 HP: 1825-1831#  
 BHT: 1255'

DST #5  
 3998-4024  
 30-40-45-90"  
 IF: Bottom of the bucket  
 in 2 min.  
 ICIP: Surface blow died  
 in 2 min.  
 Recovered:  
 FF: Bottom of bucket  
 in 2 min.  
 ICIP: 1/2" blow throughout  
 Recovered:  
 95' Gas in pipe  
 85' watery oil cut mud  
 (20% oil/ 80% water)  
 10' clean oil (31 API)  
 SIF: 1109-1109#  
 SIF: 15-5457-54#  
 HP: 1825-1831#  
 BHT: 1255'

DST #6  
 4013-4024  
 5-30-45-90"  
 IF: Bottom of bucket  
 in 5 sec.  
 ICIP: Return blow built  
 to 10"  
 FF: Bottom of bucket  
 in 3 sec.  
 Recovered:  
 1511' Clean gassy oil  
 (20% gas) 34 API  
 SIF: 1160-1054#  
 SIF: 718-627/747-662#  
 HP: 1825-1831#  
 BHT: 1255'

Morgan Mud Check 4200'  
 Vis 56W/8.2W/L 6.4 LCM #  
 Chlorides 1,500 ppm

RTD 4200'  
 Drift Survey  
 1/2" @342'  
 1/2" @3700'  
 1 1/2" @3924'  
 1" @4200'

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



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

Jay Scott Emler, Chairman  
Shari Feist Albrecht, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

November 08, 2016

Andrew Grubb  
Suemaur Exploration & Production, LLC  
802 N. CARANCAHUA  
CORPUS CHRISTI, TX 78401

Re: ACO-1  
API 15-179-21419-00-00  
SHAWN SPRESSER TRUST 1-26  
SW/4 Sec.26-06S-28W  
Sheridan County, Kansas

Dear Andrew Grubb:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/09/2015 and the ACO-1 was received on November 07, 2016 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

## Summary of Changes

Lease Name and Number: SHAWN SPRESSER TRUST 1-26

API/Permit #: 15-179-21419-00-00

Doc ID: 1348385

Correction Number: 3

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	11/14/2016	03/15/2017
If Alternate II Completion - Cement Circulated To Save Link	0 <a href="http://.../kcc/detail/operatorEditDetail.cfm?docID=1322201">../..kcc/detail/operatorEditDetail.cfm?docID=1322201</a>	160 <a href="http://.../kcc/detail/operatorEditDetail.cfm?docID=1348385">../..kcc/detail/operatorEditDetail.cfm?docID=1348385</a>