



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

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

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

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

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

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

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

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

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

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

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

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

Designate Type of Completion:

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

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

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

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

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

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

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

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

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

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

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

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

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

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

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



1091082

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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<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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 937  
8-10-11

Cell 785-324-1041

Date	8-9-12	Sec.	17	Twp.	17	Range	14	County	Barton	State	Ks	On Location		Finish	12:45 PM
Lease	Yarmer	Well No.	17-2		Location 281 + 4 Jct, 3 N to 150 Rd, 2 1/2 W										
Contractor	Royal #2				Owner S/Into										
Type Job	Surface				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Hole Size	12 1/4"		T.D.		906'										
Csg.	8 1/2"		Depth		906'										
Tbg. Size			Depth		Street										
Tool			Depth		City State										
Cement Left in Csg.	42'		Shoe Joint		42'										
Meas Line			Displace		55 Bls										
EQUIPMENT												2 1/2 Gal			
Pumptrk	15	No.	Cementor		Nick										
			Helper												
Bulktrk	4	No.	Driver		Dwacy										
			Driver		Rick										
Bulktrk	8 1/2"	No.	Driver		Rick										
JOB SERVICES & REMARKS												Calcium			
Remarks:												Hulls			
Rat Hole												Salt			
Mouse Hole												Flowseal			
Centralizers												Kol-Seal			
Baskets												Mud CLR 48			
D/V or Port Collar												CFL-117 or CD110 CAF 38			
Cement did Circulate												Sand			
												Handling			
												Mileage			
												FLOAT EQUIPMENT			
												Guide Shoe			
												Centralizer			
												Baskets			
												AFU Inserts			
												Float Shoe			
												Latch Down			
												1 - Baffle plate			
												1 - Rubber plug			
												Pumptrk Charge			
												Mileage			
												Tax			
												Discount			
X Signature Doug Rudy												Total Charge			

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 989

Cell 785-324-1041

Date	8-14-12	Sec.	17	Twp.	17	Range	14	County	Bachman	State	Ks	On Location	Finish
Lease	Yames	Well No.	17-2		Location 23144 St, 30 W 180 Rd, 230 W								
Contractor	Royal #2				Owner S/Ents								
Type Job	Longstring				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	7 7/8"		T.D.	3500'									
Csg.	5 1/2"		Depth	3496'									
Tbg. Size			Depth										
Tool			Depth										
Cement Left in Csg.	17.56'		Shoe Joint	17.56'									
Meas Line			Displace	85 BLS		Cement Amount Ordered 150.50 Common 107 Salt							
<b>EQUIPMENT</b>				5% Gelatin, 500 gal Mud Clear 43									
Pumptrk	No.	Cementer											
		Helper	Common										
Bulktrk	8	Driver	Lannie										
		Driver	Rock										
<b>JOB SERVICES &amp; REMARKS</b>				Calcium									
Remarks:	Hulls												
Rat Hole	Salt												
Mouse Hole	Flowseal												
Centralizers	13, 5, 7												
Baskets	2												
D/V or Port Collar	pipe on bottom, break												
	Circulation, pump 500 gal mud clear												
	43, plug Rathok w/ 30 ss, plug muck w/ 15 ss. Hook to 5" casing + mix												
	105 ss Central. sh + down wash												
	pump + lines. Displaced with 85 BLS of water. Released + Hold.												
	Lift pressure #												
	Land plug to #												
	Royal Bury												
	Pumptrk Charge												
	Mileage												
	Tax												
	Discount												
	Total Charge												
X	Signature												



## DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co.**

PO Box 329  
Russell KS 67665

ATTN: Frank Schulte

### **Yarmer #17-2**

### **17-17s-14w Barton,KS**

Start Date: 2012.08.13 @ 17:00:05

End Date: 2012.08.13 @ 22:09:20

Job Ticket #: 47915                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.15 @ 16:18:38



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Bennett & Schulte Oil Co.

**17-17s-14w Barton, KS**

PO Box 329  
Russell KS 67665

**Yarmer #17-2**

Job Ticket: 47915

**DST#: 1**

ATTN: Frank Schulte

Test Start: 2012.08.13 @ 17:00:05

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:32:50

Time Test Ended: 22:09:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Andy Carreira

Unit No: 39

**Interval: 3410.00 ft (KB) To 3426.00 ft (KB) (TVD)**

Reference Elevations: 1922.00 ft (KB)

Total Depth: 3426.00 ft (KB) (TVD)

1915.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8372 Outside**

Press @ Run Depth: 106.56 psig @ 3411.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.13

End Date: 2012.08.13

Last Calib.: 2012.08.13

Start Time: 17:00:05

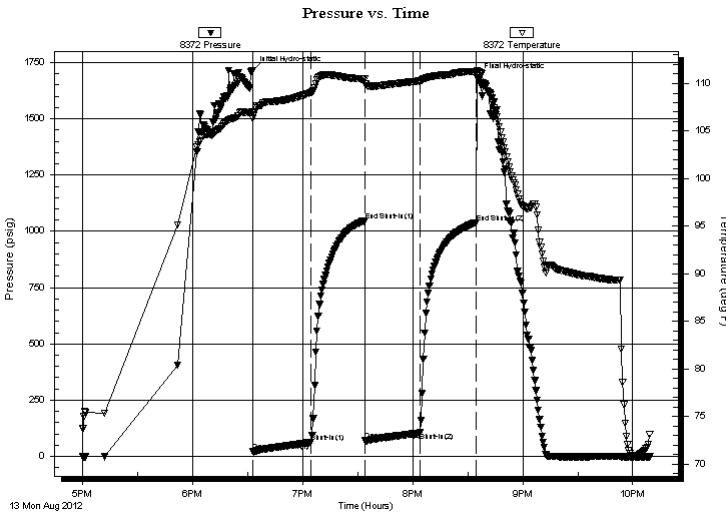
End Time: 22:09:20

Time On Btm: 2012.08.13 @ 18:32:40

Time Off Btm: 2012.08.13 @ 20:35:10

**TEST COMMENT:** IF:(30min) 1" in 1 min, 10" in 17 min. BOB in 22 min.  
ISl:(30min) Return surface blow died in 6 min.  
FF:(30min) 1" in 2 min. 10" in 27 min.  
FSl:(30min) Return surface blow, died in 9 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.73	107.10	Initial Hydro-static
1	22.30	106.29	Open To Flow (1)
32	64.21	109.07	Shut-In(1)
62	1047.43	110.46	End Shut-In(1)
62	71.77	109.97	Open To Flow (2)
92	106.56	110.28	Shut-In(2)
123	1038.73	111.28	End Shut-In(2)
123	1683.71	111.39	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
250.00	GO g=10% o=90%	3.51
0.00	GIP= 315ft	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Bennett & Schulte Oil Co.

**17-17s-14w Barton,KS**

PO Box 329  
Russell KS 67665

**Yarmer #17-2**

Job Ticket: 47915

**DST#: 1**

ATTN: Frank Schulte

Test Start: 2012.08.13 @ 17:00:05

## Tool Information

Drill Pipe:	Length: 3412.00 ft	Diameter: 3.80 inches	Volume: 47.86 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 47.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3410.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3383.00	
Shut In Tool	5.00			3388.00	
Hydraulic tool	5.00			3393.00	
Jars	5.00			3398.00	
Safety Joint	3.00			3401.00	
Packer	5.00			3406.00	28.00 Bottom Of Top Packer
Packer	4.00			3410.00	
Stubb	1.00			3411.00	
Recorder	0.00	8017	Inside	3411.00	
Recorder	0.00	8372	Outside	3411.00	
Perforations	12.00			3423.00	
Bullnose	3.00			3426.00	16.00 Bottom Packers & Anchor

**Total Tool Length: 44.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Bennett & Schulte Oil Co.

**17-17s-14w Barton,KS**

PO Box 329  
Russell KS 67665

**Yarmer #17-2**

Job Ticket: 47915

**DST#: 1**

ATTN: Frank Schulte

Test Start: 2012.08.13 @ 17:00:05

## 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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	GO g=10% o=90%	3.507
0.00	GIP= 315ft	0.000

Total Length: 250.00 ft      Total Volume: 3.507 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

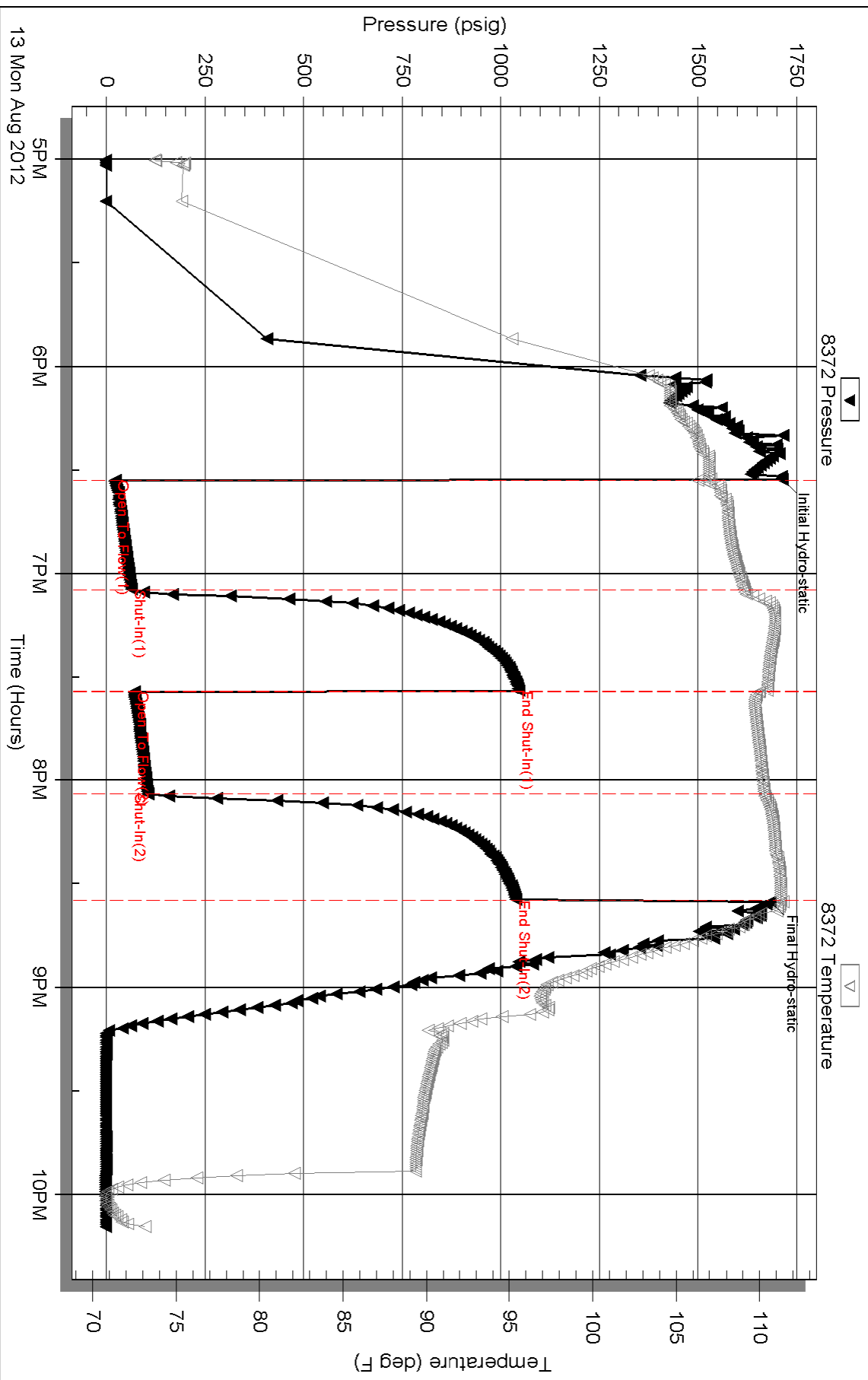
Serial #: 8372

Outside Bennett & Schulte Oil Co.

Yarner #17-2

DST Test Number: 1

### Pressure vs. Time



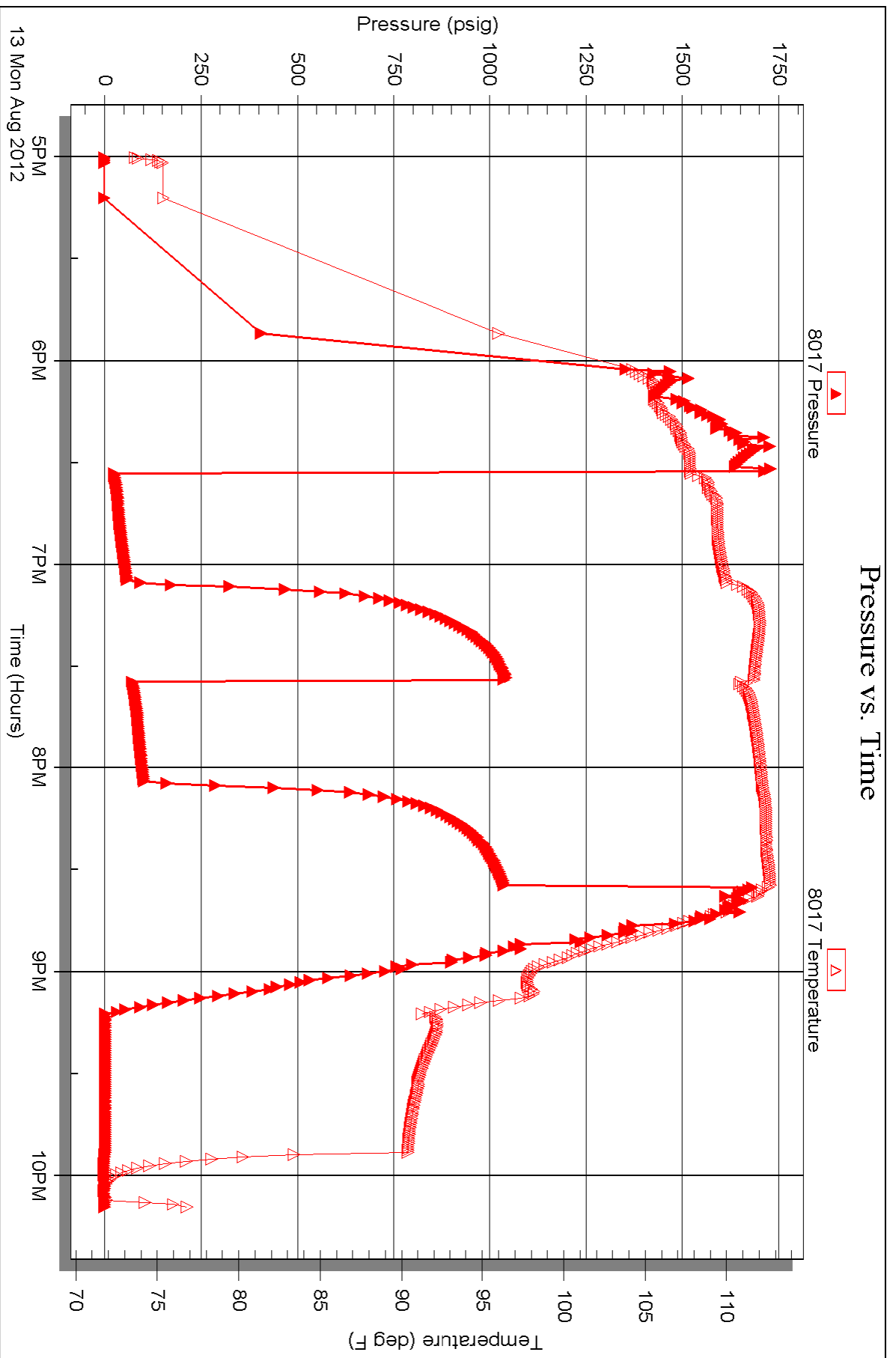
Serial #: 8017

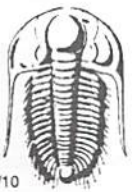
Inside

Bennett & Schulte Oil Co.

Yarner #17-2

DST Test Number: 1





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47915

Well Name & No. YARMIE 17-2 Test No. 1 Date 8-13-12  
 Company Bennett & Schulte oil co Elevation 1922 KB 1915 GL  
 Address PO Box 329 Russell KS 67665  
 Co. Rep / Geo. FRANK Schulte Rig Royal #2  
 Location: Sec. 17 Twp. 17S Rge. 14W Co. Barton State Ks

Interval Tested 3410 - 3426 Zone Tested Nebuckle  
 Anchor Length 16' Drill Pipe Run 3412 Mud Wt. 9.4  
 Top Packer Depth 3405 Drill Collars Run 0 Vis 53  
 Bottom Packer Depth 3410 Wt. Pipe Run 0 WL 10.4  
 Total Depth 3426 Chlorides 4000 ppm System LCM 1#

Blow Description IF: 1" in 1min, 10" in 17min, BoB 22min.  
FSB: Return surface blow died in 6min  
FF: 1" in 2min, 10" in 27min.  
FSB: Return surface blow, died in 9min

Rec	Feet of	%gas	%oil	%water	%mud
<u>250</u>	<u>30</u>	<u>10%</u>	<u>90%</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>315</u>	Feet of <u>31P</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 250 BHT 111° Gravity 36 API RW @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1713  Test 1150 T-On Location 16:00  
 (B) First Initial Flow 22  Jars 250 T-Started 17:00  
 (C) First Final Flow 64  Safety Joint 75 T-Open 18:34  
 (D) Initial Shut-In 1047  Circ Sub T-Pulled 20:34  
 (E) Second Initial Flow 71  Hourly Standby T-Out 10:10  
 (F) Second Final Flow 106  Mileage 92RT 142.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 1038  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1683  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 30  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Ruined Packer \_\_\_\_\_  
 Final Flow 30  Extra Copies \_\_\_\_\_  
 Final Shut-In 30 Sub Total 0  
 Total 1617.60  
 Sub Total 1617.60 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.