



**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
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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

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: \_\_\_\_\_



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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	DK Operating Inc.
Well Name	SHARON 1-24
Doc ID	1114846

Tops

Name	Top	Datum
Anhydrite	1470	+906
Base	1511	+865
Heebner	3887	-1511
Lansing	3955	-1579
Stark	4216	-1840
BKc	4321	-1945
Marmaton	4340	-1964
Pawnee	4437	-2061
Fort Scott	4484	-2108
Cherokee	4508	-2132
Mississippian	4564	-2188
Osage	4598	-2222
RTD	4616	-2240



## DRILL STEM TEST REPORT

Prepared For: **DK Operating, Inc**

24583 NW 208 Rd.  
Jetmore, KS 67854

ATTN: Jason Alm

### **Sharon #1-24**

#### **24-23s-23w Hodgeman,KS**

Start Date: 2012.07.20 @ 11:02:02

End Date: 2012.07.20 @ 18:28:02

Job Ticket #: 47423                      DST #: 1

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

Printed: 2012.07.26 @ 10:31:25

DK Operating, Inc  
24-23s-23w Hodgeman,KS  
Sharon #1-24  
DST # 1  
Miss  
2012.07.20



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

DK Operating, Inc  
24583 NW 208 Rd.  
Jetmore, KS 67854  
ATTN: Jason Alm

**24-23s-23w Hodgeman, KS**

**Sharon #1-24**

Job Ticket: 47423

**DST#: 1**

Test Start: 2012.07.20 @ 11:02:02

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:24:32  
 Time Test Ended: 18:28:02  
 Interval: **4599.00 ft (KB) To 4608.00 ft (KB) (TVD)**  
 Total Depth: 4608.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 2376.00 ft (KB)  
 2368.00 ft (CF)  
 KB to GR/CF: 8.00 ft

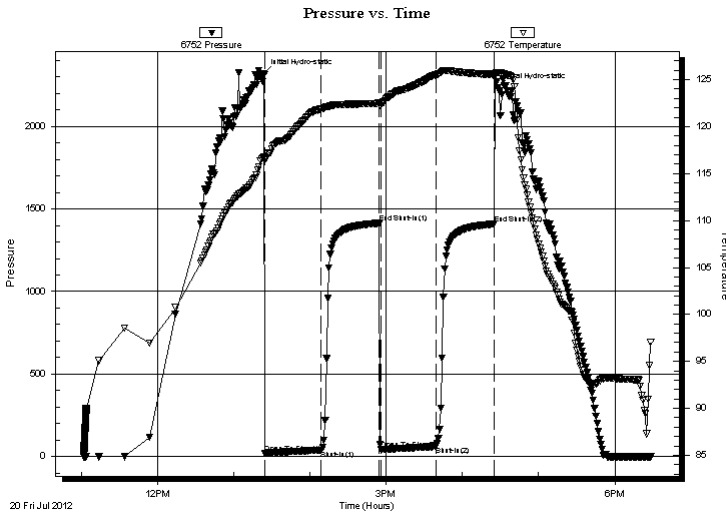
## Serial #: 6752

**Inside**

Press @ Run Depth: 60.91 psig @ 4600.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.07.20 End Date: 2012.07.20 Last Calib.: 2012.07.20  
 Start Time: 11:02:03 End Time: 18:28:02 Time On Btm: 2012.07.20 @ 13:23:32  
 Time Off Btm: 2012.07.20 @ 16:28:02

TEST COMMENT: IFP - weak to good blow sur - 7 1/2"  
 ISI - no blow back  
 FFP - weak to good blow sur - 7 1/2"  
 FSI - no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2322.09	116.73	Initial Hydro-static
1	17.96	116.48	Open To Flow (1)
46	39.13	121.88	Shut-In(1)
91	1414.01	122.49	End Shut-In(1)
93	45.04	122.40	Open To Flow (2)
136	60.91	125.52	Shut-In(2)
182	1408.66	125.56	End Shut-In(2)
185	2235.66	125.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 20%O, 80%M	0.07
105.00	FREE OIL 95%O, 5%M	1.32
0.00	150' GIP	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DK Operating, Inc

**24-23s-23w Hodgeman, KS**

24583 NW 208 Rd.  
Jetmore, KS 67854

**Sharon #1-24**

Job Ticket: 47423

**DST#: 1**

ATTN: Jason Alm

Test Start: 2012.07.20 @ 11:02:02

### Tool Information

Drill Pipe:	Length: 4564.00 ft	Diameter: 3.80 inches	Volume: 64.02 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 32.00 ft	Diameter: 2.25 inches	Volume: 0.16 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 64.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4599.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	36.00 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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Shut In Tool	5.00			4577.00	
Hydraulic tool	5.00			4582.00	
Jars	5.00			4587.00	
Safety Joint	2.00			4589.00	
Packer	5.00			4594.00	27.00 Bottom Of Top Packer
Packer	5.00			4599.00	
Stubb	1.00			4600.00	
Recorder	0.00	6752	Inside	4600.00	
Recorder	0.00	6741	Outside	4600.00	
Perforations	5.00			4605.00	
Bullnose	3.00			4608.00	9.00 Bottom Packers & Anchor

**Total Tool Length: 36.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DK Operating, Inc

**24-23s-23w Hodgeman,KS**

24583 NW 208 Rd.  
Jetmore, KS 67854

**Sharon #1-24**

Job Ticket: 47423

**DST#: 1**

ATTN: Jason Alm

Test Start: 2012.07.20 @ 11:02:02

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	OCM 20%O, 80%M	0.074
105.00	FREE OIL 95%O, 5%M	1.318
0.00	150' GIP	0.000

Total Length: 120.00 ft      Total Volume: 1.392 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

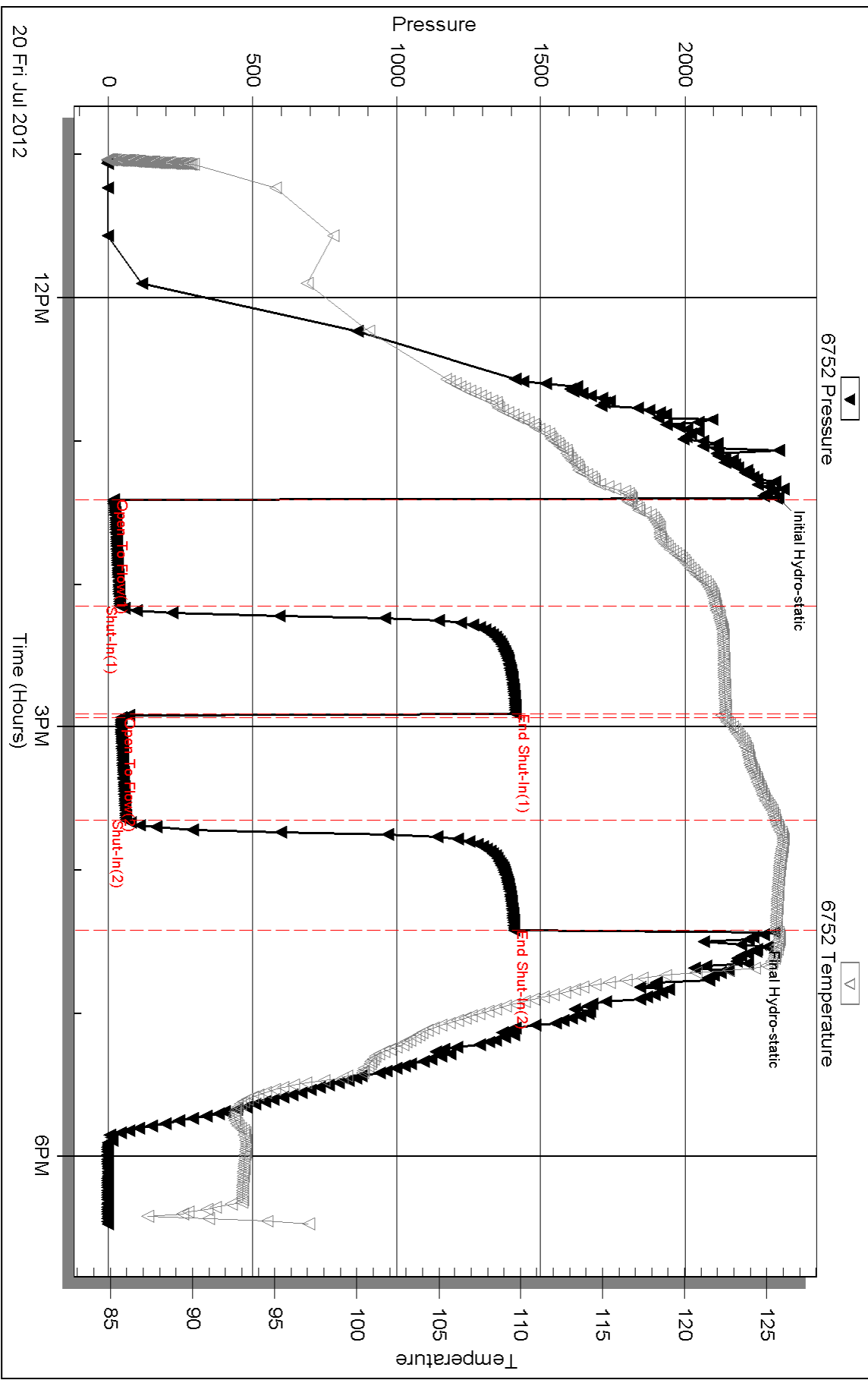
Laboratory Name:

Laboratory Location:

Recovery Comments:



# Pressure vs. Time

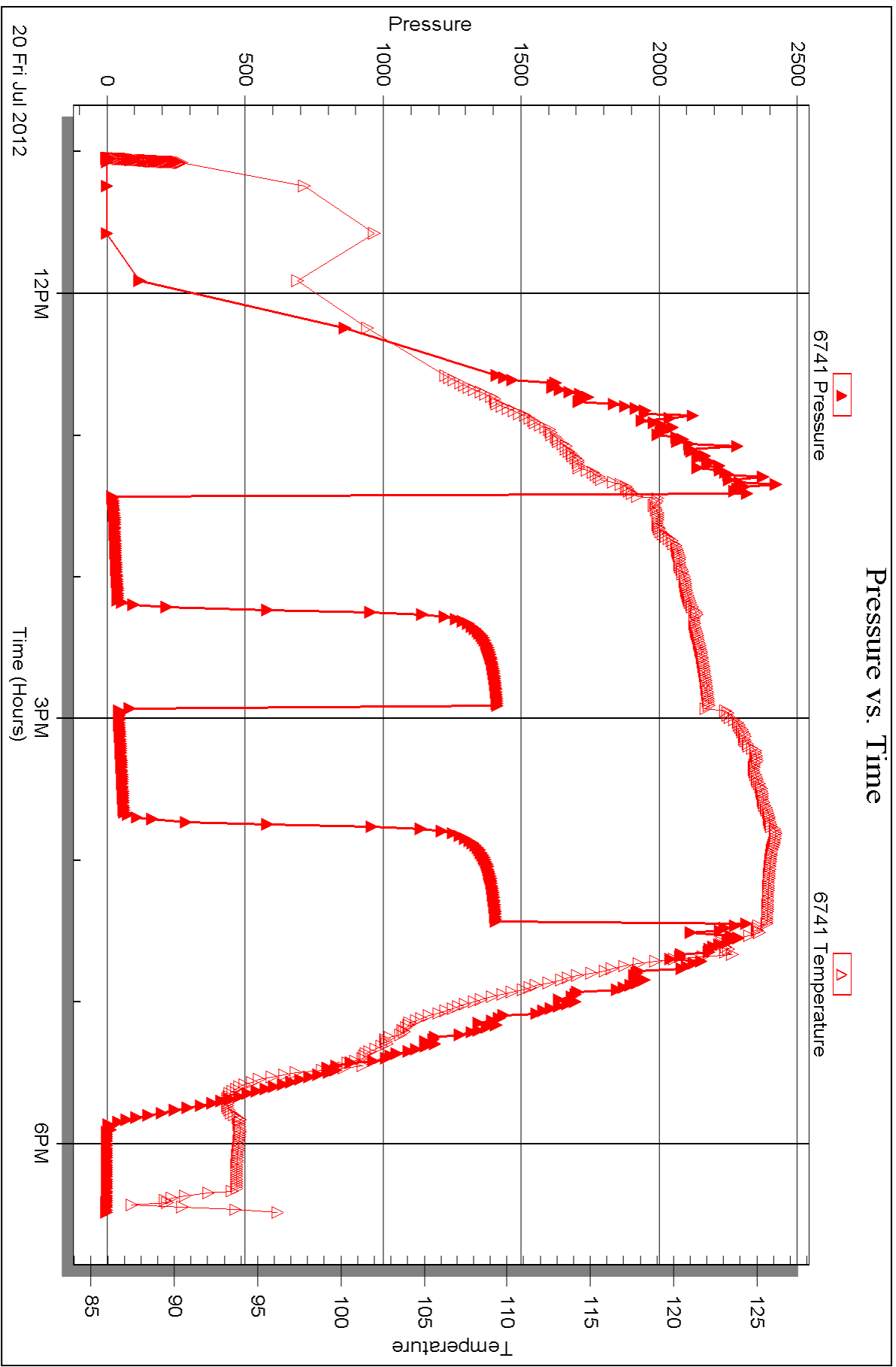


Serial #: 6741

Outside DK Operating, Inc

Sharon #1-24

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **DK Operating, Inc**

24583 NW 208 Rd.  
Jetmore, KS 67854

ATTN: Jason Alm

### **Sharon #1-24**

#### **24-23s-23w Hodgeman,KS**

Start Date: 2012.07.21 @ 00:51:40

End Date: 2012.07.21 @ 07:08:10

Job Ticket #: 47424                      DST #: 2

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

Printed: 2012.07.26 @ 10:30:39







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DK Operating, Inc  
24583 NW 208 Rd.  
Jetmore, KS 67854  
ATTN: Jason Alm

**24-23s-23w Hodgeman, KS**  
**Sharon #1-24**  
Job Ticket: 47424      **DST#: 2**  
Test Start: 2012.07.21 @ 00:51:40

**Tool Information**

Drill Pipe:	Length: 4565.00 ft	Diameter: 3.80 inches	Volume: 64.03 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 32.00 ft	Diameter: 2.25 inches	Volume: 0.16 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 64.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4608.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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Shut In Tool	5.00			4586.00	
Hydraulic tool	5.00			4591.00	
Jars	5.00			4596.00	
Safety Joint	2.00			4598.00	
Packer	5.00			4603.00	27.00      Bottom Of Top Packer
Packer	5.00			4608.00	
Stubb	1.00			4609.00	
Recorder	0.00	6752	Inside	4609.00	
Recorder	0.00	6741	Outside	4609.00	
Perforations	4.00			4613.00	
Bullnose	3.00			4616.00	8.00      Bottom Packers & Anchor

**Total Tool Length: 35.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DK Operating, Inc

**24-23s-23w Hodgeman, KS**

24583 NW 208 Rd.  
Jetmore, KS 67854

**Sharon #1-24**

Job Ticket: 47424

**DST#: 2**

ATTN: Jason Alm

Test Start: 2012.07.21 @ 00:51:40

## 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:

9500 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	WHOCM 25%O, 5%W, 70%M	0.098
40.00	WMO 87%O, 3%W, 10%M	0.452
200.00	FREE OIL 95%O, 5%M	2.805
0.00	270' GIP	0.000

Total Length: 260.00 ft

Total Volume: 3.355 bbl

Num Fluid Samples: 0

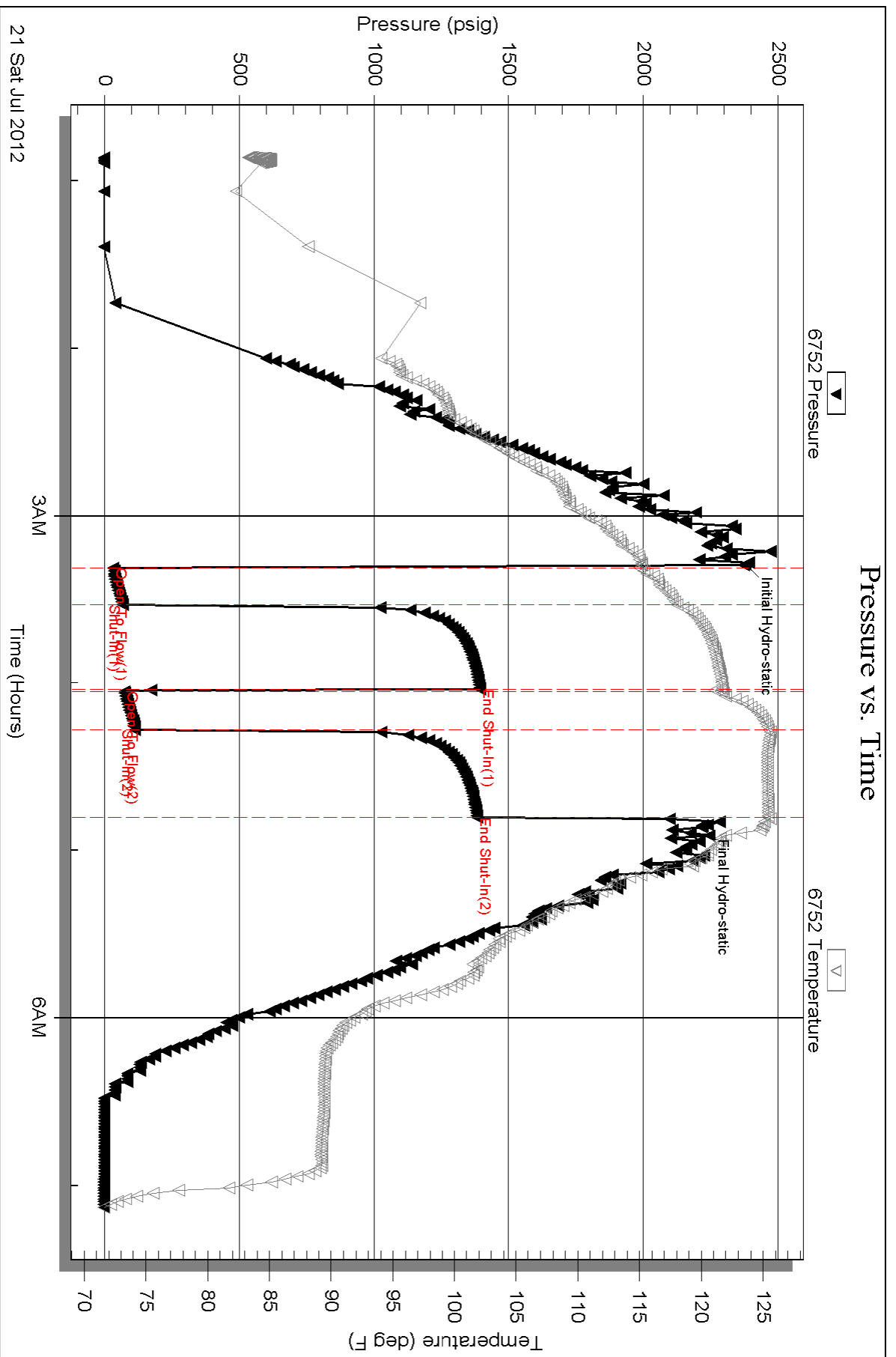
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



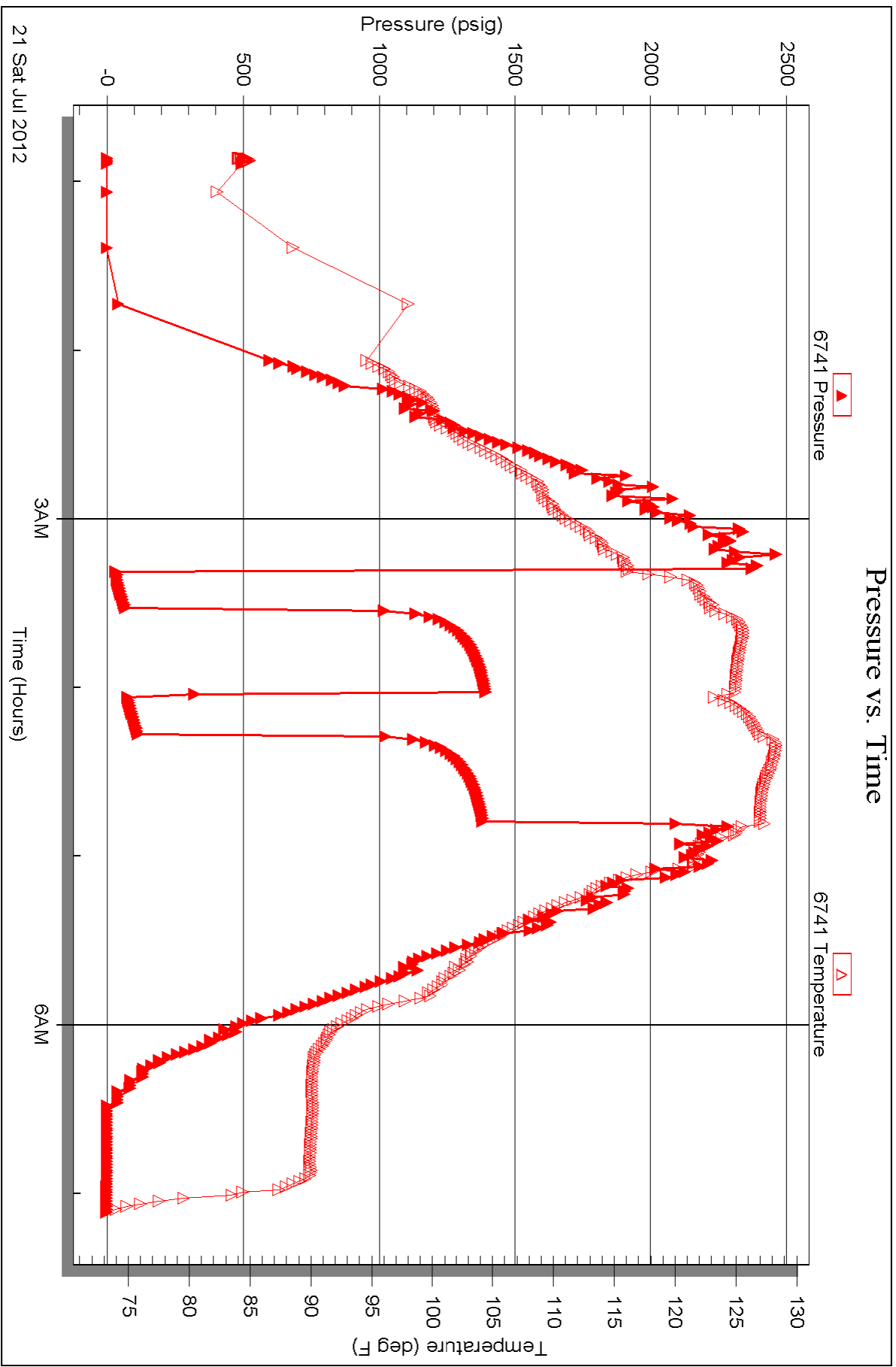


Serial #: 6741

Outside DK Operating, Inc

Sharon #1-24

DST Test Number: 2





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47423

Well Name & No. Sharon 1-24 Test No. 1 Date 7-20-12  
 Company OK Operating, Inc Elevation 2376 KB 2368 GL  
 Address 24583 NW 208 Rd Jetmore, KS 67854  
 Co. Rep / Geo. Jason Alm Rig Discovery 3  
 Location: Sec. 24 Twp. 23 Rge. 23 Co. Hodgeman State K

Interval Tested 4599-4608 Zone Tested Miss  
 Anchor Length 9 Drill Pipe Run 4564 Mud Wt. 9.3  
 Top Packer Depth 4594 Drill Collars Run 32 Vis 52  
 Bottom Packer Depth 4599 Wt. Pipe Run --- WL 9.2  
 Total Depth 4608 Chlorides 5600 ppm System LCM  
 Blow Description IFP- weak to Good flow sur - 7 1/2"  
ISI- no blow back  
FFP- weak to Good flow sur - 7 1/2"  
FSI- no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>GAIP</u>				
<u>105</u>	<u>Free Oil</u>		<u>95%</u>		<u>5%</u>
<u>15</u>	<u>OCM</u>		<u>20%</u>		<u>80%</u>

Rec Total 120 BHT 106 Gravity 32 API RW @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 2322  Test 1250 T-On Location 012  
 (B) First Initial Flow 18  Jars 250 T-Started 1102  
 (C) First Final Flow 39  Safety Joint 75 T-Open 1324  
 (D) Initial Shut-In 1414  Circ Sub T-Pulled 1624  
 (E) Second Initial Flow 45  Hourly Standby T-Out 1828  
 (F) Second Final Flow 61  Mileage 168 RT 260.40 Comments  
 (G) Final Shut-In 1409  Sampler  
 (H) Final Hydrostatic 2236  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total 0  
 Day Standby Total 1835.40  
 Accessibility MP/DST Disc't

Initial Open 45  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 45

Sub Total 1835.40

Approved By \_\_\_\_\_ Our Representative Brian Fairbank

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.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47424

Well Name & No. Sharon 1-24 Test No. 2 Date 7-20-12  
 Company OK Elevation 2376 KB 2368 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Jason Alm Rig Discovery 3  
 Location: Sec. 24 Twp. 23 Rge. 23 Co. Hodgeman State ks

Interval Tested 4608-4616 Zone Tested Miss  
 Anchor Length 4603 Drill Pipe Run 4565 Mud Wt. 9.4  
 Top Packer Depth 4608 Drill Collars Run 32 Vis SS  
 Bottom Packer Depth 4616 Wt. Pipe Run \_\_\_\_\_ WL 10.0  
 Total Depth 8 Chlorides 6300 ppm System LCM \_\_\_\_\_

Blow Description IFP- BOB 7 min  
ISI- 2 1/4" blow back  
FFP- BOB 9 min  
FST- 2 1/2" blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>270</u>	<u>GIP</u>				
<u>200</u>	<u>Free Oil</u>		<u>95</u>		<u>5</u>
<u>40</u>	<u>WMO</u>		<u>87</u>	<u>3</u>	<u>10</u>
<u>20</u>	<u>WHDCM</u>		<u>25</u>	<u>5</u>	<u>70</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 260 BHT 125 Gravity 33 API RW .604 @ 74 °F Chlorides 9500 ppm

(A) Initial Hydrostatic 2379  Test 1250 T-On Location 2349  
 (B) First Initial Flow 32  Jars 250 T-Started 0051  
 (C) First Final Flow 66  Safety Joint 75 T-Open 0318  
 (D) Initial Shut-In 1394  Circ Sub T-Pulled 0448  
 (E) Second Initial Flow 74  Hourly Standby T-Out 0708  
 (F) Second Final Flow 113  Mileage 260.40  
 (G) Final Shut-In 1384  Sampler  
 (H) Final Hydrostatic 2219  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies

Initial Open 15  
 Initial Shut-In 30  
 Final Flow 15  
 Final Shut-In 30  
 Sub Total 1835.40  
 Total 1835.40  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_

Our Representative Brian Fairbairn

Trilobite Testing Inc. shall not be liable for damaged or 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.

JOB LOG

SWIFT Services, Inc.

DATE 27 Jul 12 PAGE NO. 1

CUSTOMER DK operating WELL NO. 1-24 LEASE Sharon JOB TYPE cement port collar TICKET NO. 22788

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk SMD w/ 1/4 floater 2 3/8" x 5 1/2" port collar - 1455'
	1330							on loc TRK 114
	1435					1000	1000	test to 1000 psi - hold open port collar
	1442	3 1/2	2			450		inj rate 3 1/2 bpm @ 450 psi
	1446	3				400		mix SMD cement @ 11.2 ppg fluid to surface - cement to surface -
		3	6			400		
		3	57			500		
		3	8			550		displace w/ H <sub>2</sub> O close port collar
	1507					1000	1000	test to 1000 psi - hold
	1518							Reverse, hole clean - 2 cement plugs - wash truck Rack up job complete Thanks Blaine Dave & Jeremy

110 sks mixed  
15 to pit