

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

5/29/14

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3988  
Name: Slawson Exploration Co., Inc.  
Address 1: 204 N Robinson, Ste 2300  
Address 2:  
City: OKC State: OK Zip: 73102 +  
Contact Person: Steve Slawson  
Phone: (405) 232 0201  
CONTRACTOR: License # 33575  
Name: WW Drilling LLC  
Wellsite Geologist: Patrick Deeniham  
Purchaser: Plains Marketing

API No. 15 - 193-20844-00-00  
Spot Description:  
SW NW SE NW Sec. 26 Twp. 10 S. R. 34  East  West  
1,930 Feet from  North /  South Line of Section  
1,505 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW

County: Thomas  
Lease Name: HILLS TRUST I Well #: 5-26

Field Name:  
Producing Formation: Johnson, Myrick Station. LKC

Elevation: Ground: 3174 Kelly Bushing: 3179  
Total Depth: 4850 Plug Back Total Depth: 4783

Amount of Surface Pipe Set and Cemented at: 306 Feet

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2700 Feet

If Alternate II completion, cement circulated from:  
feet depth to: w/ sx cmt.

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 #:

4/2/12 4/9/12 4/24/12  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 5000 ppm Fluid volume: 5000 bbls  
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: KCC

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R.  East  West

County: Permit #:

CONFIDENTIAL

MAY 29 2014

JUN 28 2012

KCC WICHITA

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]  
Title: VP-Operations Date: 4/26/12

KCC Office Use ONLY

Letter of Confidentiality Received Date: 5/29/12 - 5/29/14  
 Confidential Release Date:  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: 06 Date: 8/3/12

Operator Name: Slawson Exploration Co., Inc. Lease Name: HILLS TRUST I Well #: 5-26  
 Sec. 26 Twp. 10 S. R. 34  East  West County: Thomas

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
 (If no, Submit Copy)

List All E. Logs Run:  
**DIL-CNL-CDL-ML**

<input checked="" type="checkbox"/> Log	B/Anh	2707	+473	(+2)	
	Wabaunsee		3719	-539	<input type="checkbox"/> Sample
	Hbn	4066	-886	(-4)	
	Lns	4108	-928	(-6)	
Name	Muncie Creek		4252	-1072	Datum
	Stk	4338	-1158	(-7)	
	BKC	4396	-1216	(-8)	
	Marmaton	4425	-1245		
	Pawnee	4530	-1350	(-7)	
	Myrick Station		4565	-1385	
	Uck	4577	-1397	(-7)	
	Ft Scott	4584	-1404	(-8)	
	Lck	4612	-1432	(-7)	
	John Z	4655	-1475	(-5)	
	Msp	4734	-1554	(-11)	

CASING RECORD <input type="checkbox"/> New <input checked="" 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
sfc	12-1/4	8-5/8	23	306	Common	185	3% cc, 2% gel
Prod	7-7/8	4-1/2	11.6	4826	ASC	210	10% salt, 5# gilsonite
DV tool				2700	ALW	650	

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 (Amount and Kind of Material Used)	Depth
4	4668-74, 4663-66, 4656-60, 4556-74	1000 gal 15 HCl	
4	4332-36	500 gal 15 HCl	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>4730</u> Packer At: <u>NA</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>5/2/12</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>12</u>	Gas Mcf <u>0</u> Water Bbls. <u>33</u> Gas-Oil Ratio _____ Gravity <u>35</u>

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4332-4674</u>
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# ALLIED CEMENTING CO., LLC. 035373

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Obblen, Ks*

DATE	WELL #	SEC	TWP	RANGE	CALL OUT	ON LOCATION	JOB START	JOB FINISH
4/21/11	5-26	8b	10	34			2:00pm	2:00pm
LEASE						COUNTY STATE		
OLD OR NEW (Circle one)						Thurston KS		

CONTRACTOR	<i>WVU 4</i>	OWNER	<i>Same</i>
TYPE OF JOB	<i>Hydraulic Fracturing</i>	CEMENT	
HOLE SIZE	<i>7 7/8</i>	AMOUNT ORDERED	<i>210 Sls ASC 1000s at 5" Gibmix</i>
CASING SIZE	<i>11.6</i>	DEPTH	<i>20' incl. 65000 ALU in 20' casing</i>
TUBING SIZE		DEPTH	<i>50000. 45000</i>
DRILL PLUG		DEPTH	
TOOL		DEPTH	
PRES. MAX		MINIMUM	
MEAS. LINE		SHOE JOINT	
CEMENT LEFT IN CSG.		COMMON	<input type="checkbox"/>
PERU'S		POZAMIX	<input type="checkbox"/>
DISPLACEMENT		CEL	<input type="checkbox"/>
		CHLORIDE	<input type="checkbox"/>
		ASC	<i>210 SLS @ 1.9 = 399.00</i>

EQUIPMENT		QUANTITY	UNIT PRICE	TOTAL
PUMP TRUCK	CEMENTER	<i>1</i>	<i>2425.00</i>	<i>2425.00</i>
#	HELPER	<i>1</i>	<i>225.00</i>	<i>225.00</i>
BULK TRUCK	DRIVER	<i>1</i>	<i>234.50</i>	<i>234.50</i>
#	DRIVER	<i>1</i>	<i>235.00</i>	<i>235.00</i>
HANDLING		<i>1004</i>	<i>0.90</i>	<i>904.36</i>
MILEAGE		<i>41.5</i>	<i>2.35</i>	<i>97.53</i>
TOTAL				<i>19,922.85</i>

REMARKS:  
*See log, cement mix used, dry ASC  
 10000' of casing, 10000' of tubing, 10000' of drill pipe  
 10000' of tool joint, 10000' of drill pipe, 10000' of  
 10000' of tool joint, 10000' of drill pipe, 10000' of  
 10000' of tool joint, 10000' of drill pipe, 10000' of  
 10000' of tool joint, 10000' of drill pipe, 10000' of  
 10000' of tool joint, 10000' of drill pipe, 10000' of*

SERVICE		QUANTITY	UNIT PRICE	TOTAL
DEPTH OF JOB		<i>4850'</i>		
PUMP TRUCK CHARGE		<i>2425</i>		
EXTRA FOOTAGE		<input type="checkbox"/>		
MILEAGE	<i>20</i>	<i>5.00</i>	<i>100.00</i>	
MANIFOLD		<input type="checkbox"/>		
WATER	<i>20</i>	<i>4.00</i>	<i>80.00</i>	
TOTAL				<i>2425.00</i>

CHARGE TO: *Slansan Exploration*  
 STREET \_\_\_\_\_  
 CITY: *Okla* STATE: *OK* ZIP: \_\_\_\_\_

PLUG & FLOAT EQUIPMENT		QUANTITY	UNIT PRICE	TOTAL
Guide Shoe		<i>1</i>	<i>192.00</i>	<i>192.00</i>
API Pipe Collar		<i>1</i>	<i>349.00</i>	<i>349.00</i>
Blue Plug		<i>2</i>	<i>270.00</i>	<i>540.00</i>
Control Valve		<i>1</i>	<i>48.00</i>	<i>48.00</i>
Drill Tool		<i>1</i>	<i>311.00</i>	<i>311.00</i>
TOTAL				<i>4940.00</i>

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cement and helpers 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: *Robyn Daniels*  
 SIGNATURE: *Robyn Daniels*

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Bid

RECEIVED  
 JUN 28 2012  
 KCC WICHITA

CONFIDENTIAL  
 MAY 29 2014  
 KCC

# ALLIED CEMENTING CO., LLC. 034614

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Dakota, KS

DATE <u>4-2-12</u>	SEC. <u>26</u>	TWP. <u>10</u>	RANGE <u>39</u>	CALLED OUT	ON LOCATION <u>6:00 pm</u>	JOB START <u>6:30 pm</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>Hillcrest</u>	WELL# <u>5-26</u>	LOCATION <u>Monument Rd, 4th, CW</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>54 CW into</u>			

CONTRACTOR <u>CW # 4</u>	OWNER <u>same</u>	
TYPE OF JOB _____		
HOLE SIZE <u>12 1/4</u>	T.D. <u>306'</u>	CEMENT _____
CASING SIZE <u>8 1/2</u>	DEPTH <u>304'</u>	AMOUNT ORDERED <u>185 sks con 3 20cc</u>
TUBING SIZE _____	DEPTH _____	<u>2 20 gal</u>
DRILL PIPE _____	DEPTH _____	
TOOL _____	DEPTH _____	
PRES. MAX _____	MINIMUM _____	COMMON <u>185 sks @ 16.25 3006.25</u>
MEAS. LINE _____	SHOE JOINT _____	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>13'</u>		GEL <u>4 sks @ 21.25 85.00</u>
PERFS. _____		CHLORIDE <u>7 sks @ 58.20 407.40</u>
DISPLACEMENT <u>18.47</u>		ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER <u>Lakene</u>
# <u>431</u> HELPER <u>Dave</u>
BULK TRUCK
# <u>347</u> DRIVER <u>Brandon</u>
BULK TRUCK
# _____ DRIVER _____

HANDLING <u>196 sks</u>	@ <u>2.25</u>	<u>441.00</u>
MILEAGE <u>118 sks/mile</u>		<u>431.20</u>
		TOTAL <u>4370.85</u>

REMARKS:  
mix 185 sks cement  
Displace with water  
Cement did circulate  
  
Thank you

SERVICE

DEPTH OF JOB <u>304.91'</u>	
PUMP TRUCK CHARGE _____	<u>1185.00</u>
EXTRA FOOTAGE <u>5'</u>	@ <u>2.5</u> <u>4.75</u>
MILEAGE <u>20</u>	@ <u>7.00</u> <u>140.00</u>
MANIFOLD <u>5 wedge</u>	@ _____ <u>NR</u>
<u>L-U mileage</u>	@ <u>4.00</u> <u>80.00</u>

CHARGE TO: Stawson Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1347.75

PLUG & FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
		TOTAL _____

To Allied Cementing Co., 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]

SALES TAX (If Any) \_\_\_\_\_

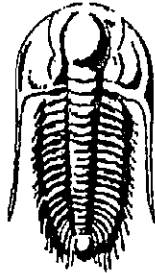
TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Bid

RECEIVED  
JUN 28 2012  
KCC WICHITA

CONFIDENTIAL  
MAY 29 2014  
KCC



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Slawson Exploration Co., Inc.**

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102

ATTN: Pat Deenihan

**Hills Trust "I" 5-26**

**S26-10-34 Thomas,KS**

Start Date: 2012.04.07 @ 03:12:00

End Date: 2012.04.07 @ 10:49:50

Job Ticket #: 45099                      DST #: 1

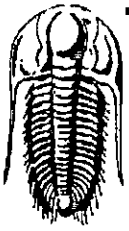
RECEIVED  
JUN 28 2012  
KCC WICHITA

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

**CONFIDENTIAL**  
**MAY 29 2014**  
**KCC**

Printed: 2012.04.18 @ 09:17:41

Slawson Exploration Co., Inc.      S26-10-34 Thomas,KS      Hills Trust "I" 5-26      DST # 1      Pawnee - Myric Stati      2012.04.07



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.

**S26-10-34 Thomas,KS**

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102  
ATTN: Pat Deenihan

**Hills Trust "I" 5-26**

Job Ticket: 45099

DST#: 1

Test Start: 2012.04.07 @ 03:12:00

### GENERAL INFORMATION:

Formation: **Pawnee - Myric Stati**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:33:30

Time Test Ended: 10:49:50

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4516.00 ft (KB) To 4575.00 ft (KB) (TVD)

Total Depth: 4575.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3180.00 ft (KB)

3175.00 ft (CF)

KB to GRV/CF: 5.00 ft

**Serial #: 8018**

Inside

Press@RunDepth: 75.65 psig @ 4519.00 ft (KB)

Start Date: 2012.04.07

End Date:

2012.04.07

Capacity: 8000.00 psig

Last Calib.: 2012.04.07

Start Time: 03:12:02

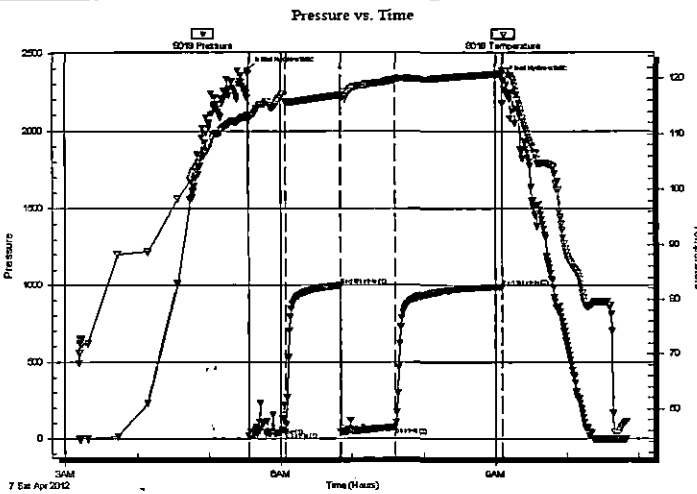
End Time:

10:49:49

Time On Btm: 2012.04.07 @ 05:32:20

Time Off Btm: 2012.04.07 @ 09:06:39

TEST COMMENT: 3/4" Blow.  
No return.  
No blow.  
No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2389.46	113.16	Initial Hydro-static
2	16.87	112.31	Open To Flow (1)
32	42.62	115.85	Shut-In(1)
78	996.12	117.01	End Shut-In(1)
79	44.39	116.47	Open To Flow (2)
124	75.65	119.73	Shut-In(2)
214	988.50	120.82	End Shut-In(2)
215	2333.75	121.43	Final Hydro-static

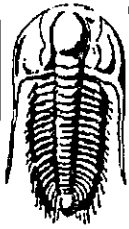
### Recovery

Length (ft)	Description	Volume (bbl)
95.00	M 100 m	0.47
0.00	Oil spot in tool.	0.00

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Slawson Exploration Co., Inc.

**S26-10-34 Thomas,KS**

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102  
ATTN: Pat Deenihan

**Hills Trust "I" 5-26**

Job Ticket: 45099

DST#: 1

Test Start: 2012.04.07 @ 03:12:00

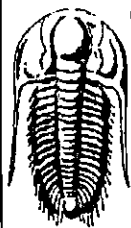
**Tool Information**

Drill Pipe:	Length: 4392.00 ft	Diameter: 3.80 inches	Volume: 61.61 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
		<u>Total Volume:</u>	<u>62.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.50 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4516.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	86.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4489.50	
Shut In Tool	5.00			4494.50	
Hydraulic tool	5.00			4499.50	
Jars	5.00			4504.50	
Safety Joint	2.50			4507.00	
Packer	5.00			4512.00	27.50 Bottom Of Top Packer
Packer	4.00			4516.00	
Stubb	1.00			4517.00	
Perforations	2.00			4519.00	
Recorder	0.00	8018	Inside	4519.00	
Recorder	0.00	6751	Outside	4519.00	
Perforations	20.00			4539.00	
Change Over Sub	1.00			4540.00	
Drill Pipe	31.00			4571.00	
Change Over Sub	1.00			4572.00	
Bullnose	3.00			4575.00	59.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>86.50</b>				





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Slawson Exploration Co., Inc.

**S26-10-34 Thomas,KS**

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102  
ATTN: Pat Deenihan

**Hills Trust "I" 5-26**  
Job Ticket: 45099      DST#: 1  
Test Start: 2012.04.07 @ 03:12:00

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

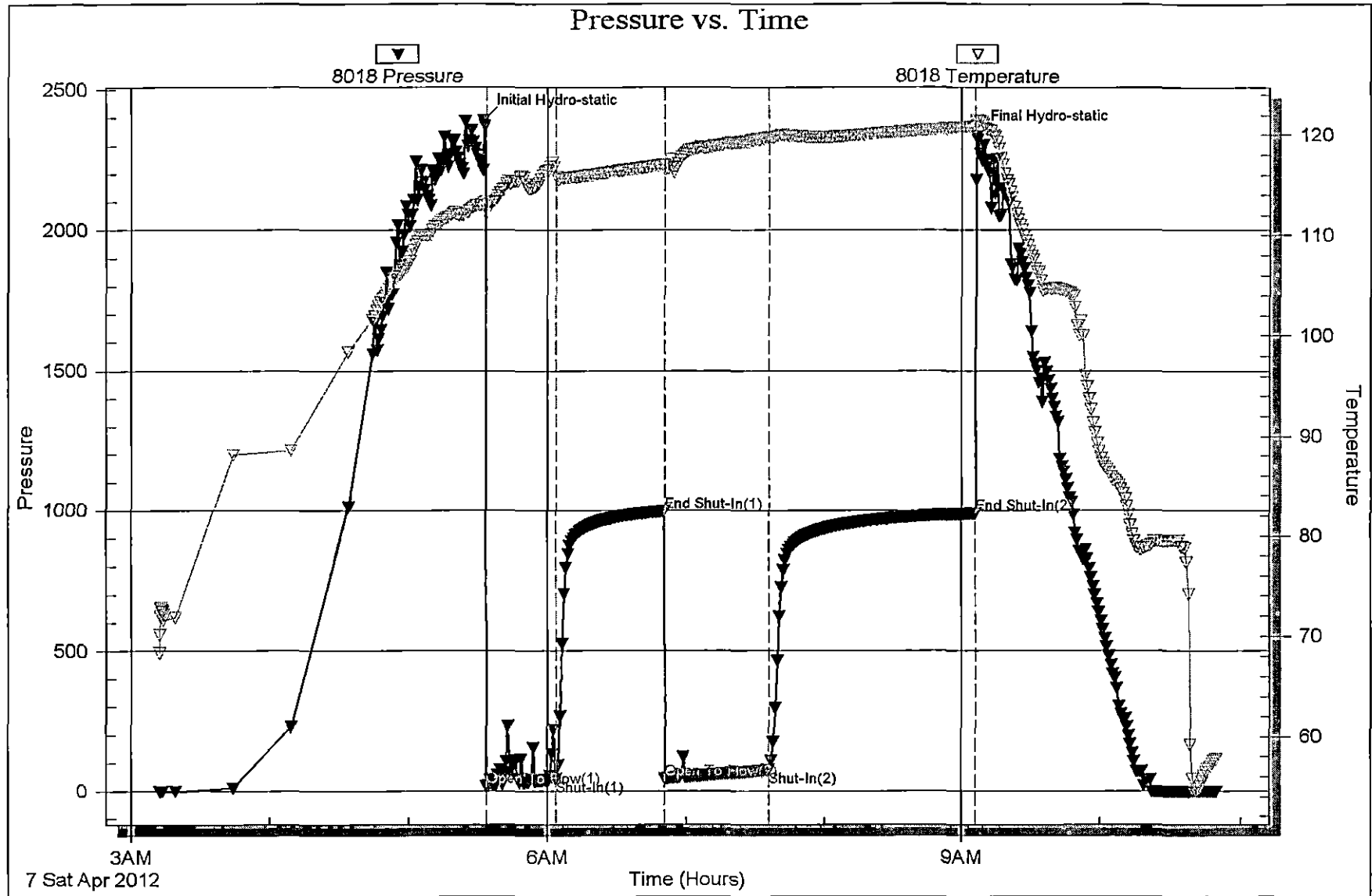
Length ft	Description	Volume bbl
95.00	M 100 m	0.467
0.00	Oil spot in tool.	0.000

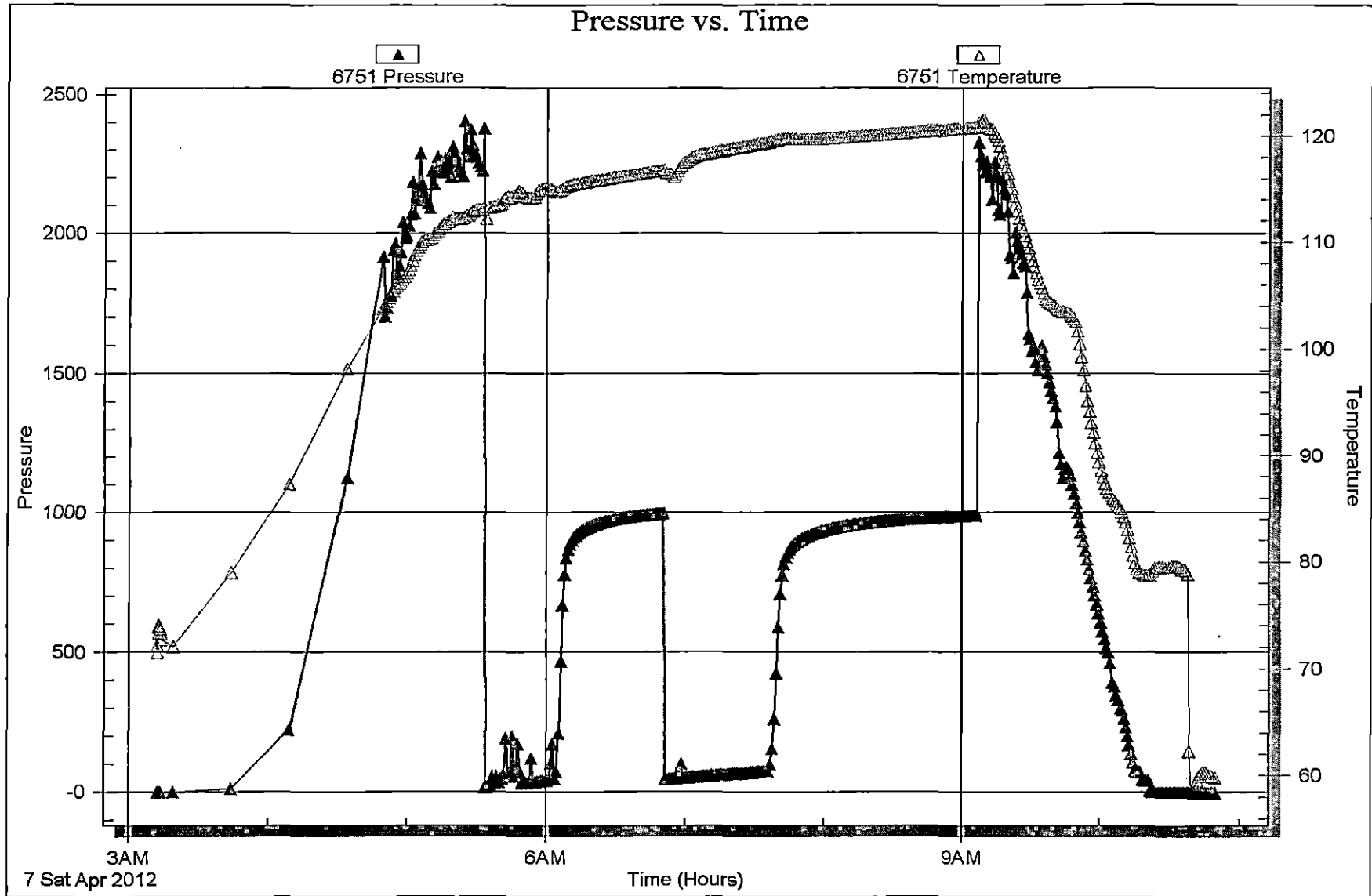
Total Length: 95.00 ft      Total Volume: 0.467 bbl

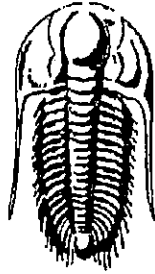
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: .







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Co., Inc.**

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102

ATTN: Pat Deenihan

**Hills Trust "I" 5-26**

**S26-10-34 Thomas,KS**

Start Date: 2012.04.07 @ 23:26:02

End Date: 2012.04.08 @ 07:34:00

Job Ticket #: 45100                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.04.18 @ 09:16:47

Slawson Exploration Co., Inc.

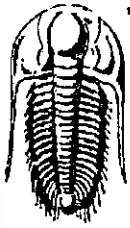
S26-10-34 Thomas,KS

Hills Trust "I" 5-26

DST # 2

Johnson

2012.04.07



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.

**S26-10-34 Thomas,KS**

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102  
ATTN: Pat Deenihan

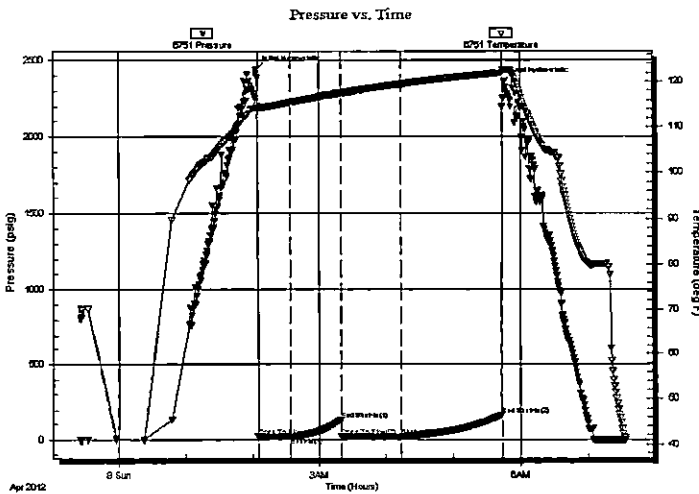
**Hills Trust "I" 5-26**  
Job Ticket: 45100      DST#: 2  
Test Start: 2012.04.07 @ 23:26:02

## GENERAL INFORMATION:

Formation: **Johnson**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 02:04:50  
Time Test Ended: 07:34:00  
Interval: **4626.00 ft (KB) To 4686.00 ft (KB) (TVD)**  
Total Depth: **4686.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole (Reset)**  
Tester: **Chuck Smith**  
Unit No: **62**  
Reference Elevations: **3180.00 ft (KB)**  
**3175.00 ft (CF)**  
KB to GRVCF: **5.00 ft**

**Serial #: 6751**      **Outside**  
Press@RunDepth: **20.53 psig @ 4629.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2012.04.07**      End Date: **2012.04.08**      Last Calib.: **2012.04.08**  
Start Time: **23:26:02**      End Time: **07:34:00**      Time On Btm: **2012.04.08 @ 02:03:30**  
Time Off Btm: **2012.04.08 @ 05:45:50**

TEST COMMENT: **1/2" Blow receded to surface blow .**  
**No return.**  
**No blow .**  
**No return.**



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2438.95	114.31	Initial Hydro-static
2	17.79	113.80	Open To Flow (1)
32	19.80	115.46	Shut-In(1)
77	134.71	117.48	End Shut-In(1)
77	19.49	117.45	Open To Flow (2)
130	20.53	119.39	Shut-In(2)
221	168.11	121.92	End Shut-In(2)
223	2361.78	122.51	Final Hydro-static

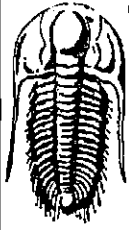
## Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100 m	0.05

\* Recovery from multiple tests

## Gas Rates

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



# TRILOBITE TESTING, INC

## DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.

S26-10-34 Thomas, KS

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102  
ATTN: Pat Deenihan

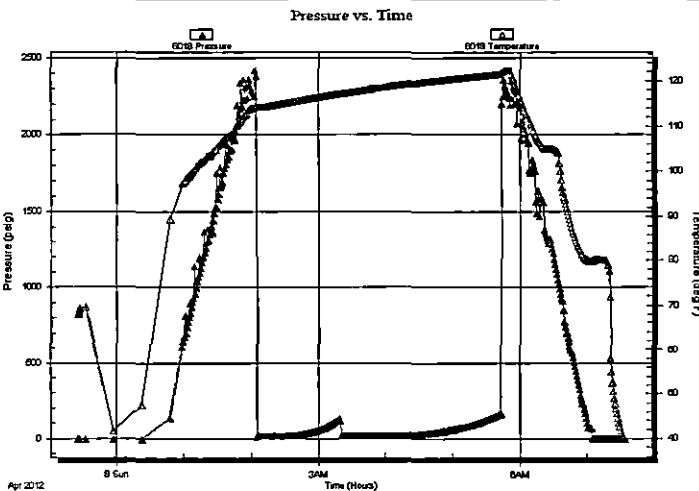
Hills Trust "I" 5-26  
Job Ticket: 45100 DST#: 2  
Test Start: 2012.04.07 @ 23:26:02

### GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:04:50  
 Time Test Ended: 07:34:00  
 Interval: 4626.00 ft (KB) To 4686.00 ft (KB) (TVD)  
 Total Depth: 4686.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chuck Smith  
 Unit No: 62  
 Reference Elevations: 3180.00 ft (KB)  
 3175.00 ft (CF)  
 KB to GR/CF: 5.00 ft

Serial #: 8018 Inside  
 Press@RunDepth: psig @ 4629.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.04.07 End Date: 2012.04.08 Last Calib.: 2012.04.08  
 Start Time: 23:26:02 End Time: 07:34:10 Time On Btm:  
 Time Off Btm:

TEST COMMENT: 1/2" Blow receded to surface blow.  
 No return.  
 No blow.  
 No return.



### PRESSURE SUMMARY

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

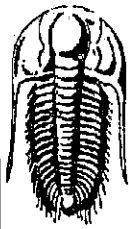
### Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100 m	0.05

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Slawson Exploration Co., Inc.

S26-10-34 Thomas,KS

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102  
ATTN: Pat Deenihan

Hills Trust "I" 5-26

Job Ticket: 45100

DST#: 2

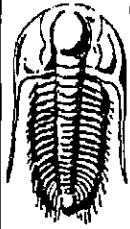
Test Start: 2012.04.07 @ 23:26:02

### Tool Information

Drill Pipe:	Length: 4486.00 ft	Diameter: 3.80 inches	Volume: 62.93 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 63.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.50 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4626.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4599.50	
Shut In Tool	5.00			4604.50	
Hydraulic tool	5.00			4609.50	
Jars	5.00			4614.50	
Safety Joint	2.50			4617.00	
Packer	5.00			4622.00	27.50 Bottom Of Top Packer
Packer	4.00			4626.00	
Stubb	1.00			4627.00	
Perforations	2.00			4629.00	
Recorder	0.00	.8018	Inside	4629.00	
Recorder	0.00	6751	Outside	4629.00	
Perforations	21.00			4650.00	
Change Over Sub	1.00			4651.00	
Drill Pipe	31.00			4682.00	
Change Over Sub	1.00			4683.00	
Bullnose	3.00			4686.00	60.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>87.50</b>				



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Slawson Exploration Co., Inc.

**S26-10-34 Thomas,KS**

204 N. Robinson Ave.  
Suite 2300  
Oklahoma City, OK 73102  
ATTN: Pat Deenihan

**Hills Trust "I" 5-26**  
Job Ticket: 45100      DST#: 2  
Test Start: 2012.04.07 @ 23:26:02

**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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: 1.00 inches			

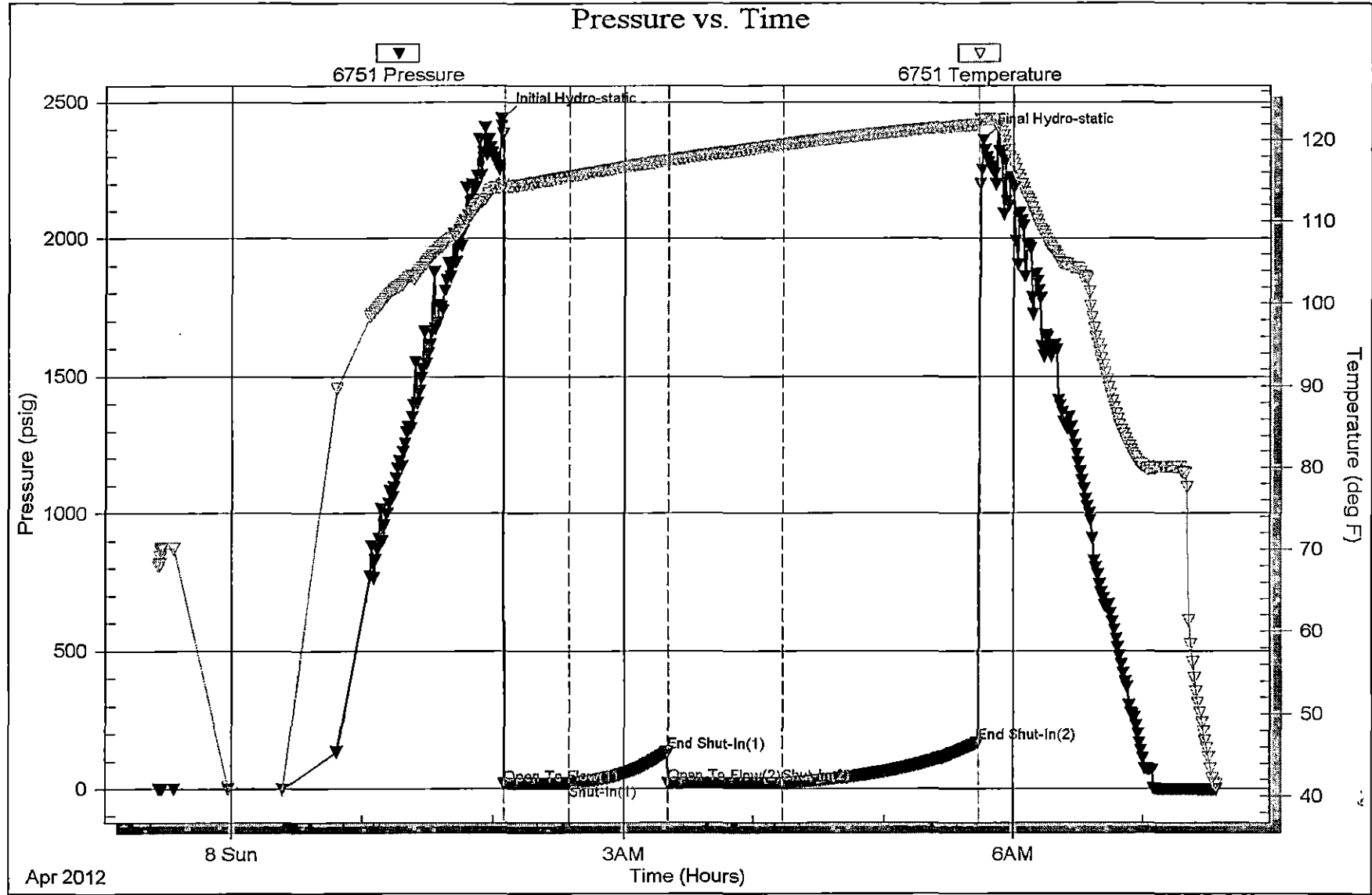
**Recovery Information**

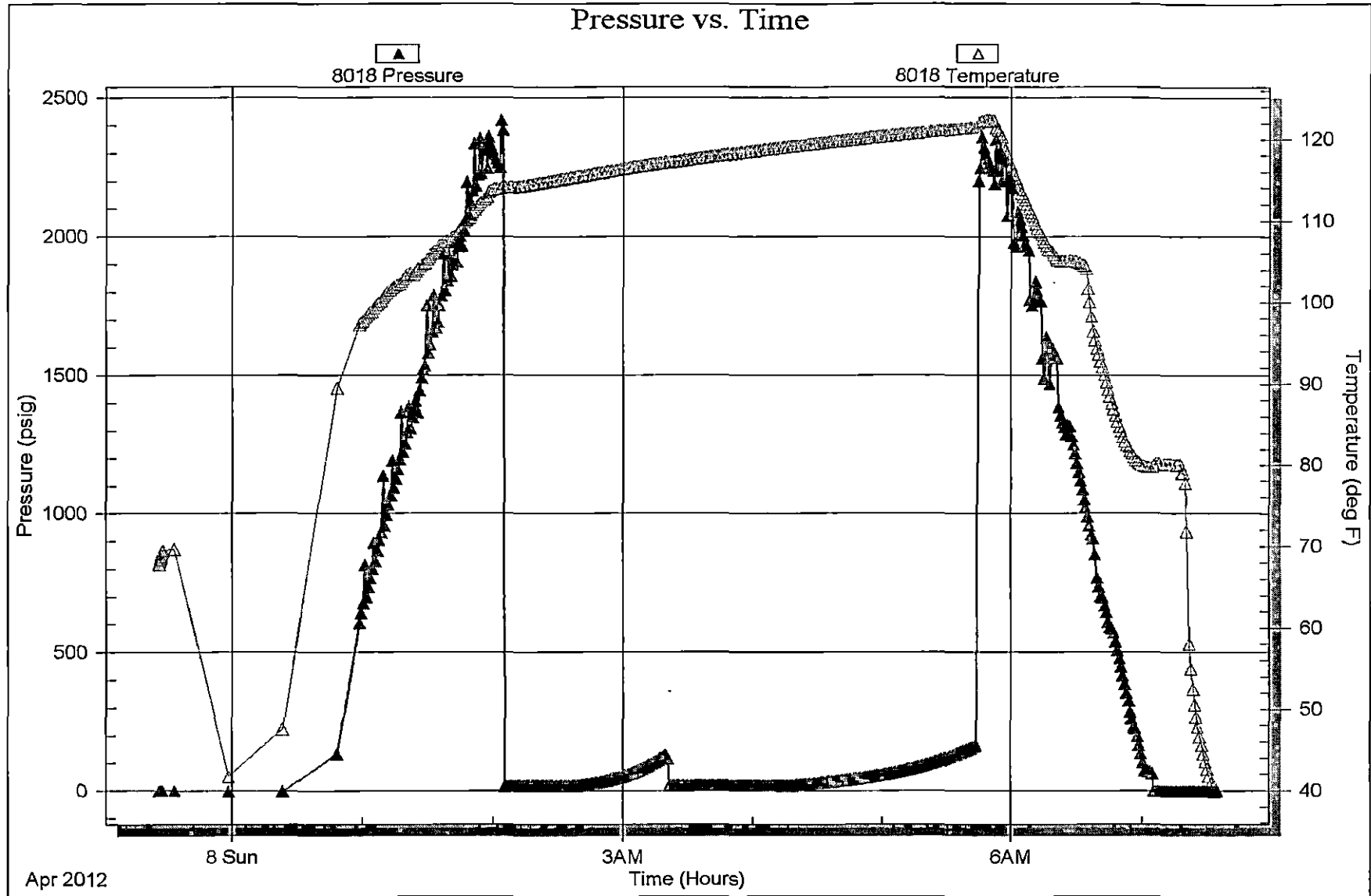
Recovery Table

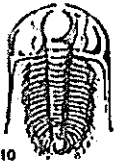
Length ft	Description	Volume bbl
10.00	M 100 m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:









# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 45099

Well Name & No. Hills Trust "I" #526 Test No. 1 Date 4-8-12  
 Company Slawson Exploration Co., Inc. Elevation 3180 KB 3175 GL  
 Address 204 N. Robinson Ave. Ste. 2300 Oklahoma City, OK 73102  
 Co. Rep / Geo. Pat Deenihan Rig WW#4  
 Location: Sec. 26 Twp. 10s Rge. 34w Co. Thomas State Ks

Interval Tested 4516-4575 Zone Tested Pawnee - Myric Station  
 Anchor Length 59 Drill Pipe Run 4392 Mud Wt. 9.3  
 Top Packer Depth 4512 Drill Collars Run 125 Vis 65  
 Bottom Packer Depth 4516 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4575 Chlorides 3500 ppm System LGM 1  
 Blow Description 3/4" Blow.  
No screen.  
No blow.  
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>90</u>	Feet of <u>M</u>			%water <u>100</u>	%mud
Rec	Feet of <u>Oil spot in tool</u>			%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 90 BHT 121 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2389  Test 1225' T-On Location 2:00  
 (B) First Initial Flow 17  Jars 250' T-Started 3:12  
 (C) First Final Flow 43  Safety Joint 175' T-Open 5:34  
 (D) Initial Shut-In 996  Circ Sub N/C T-Pulled 9:06  
 (E) Second Initial Flow 44  Hourly Standby — T-Out 10:50  
 (F) Second Final Flow 76  Mileage 133 RT 186.20 Comments RECEIVED  
 (G) Final Shut-In 989  Sampler — JUN 28 2012  
 (H) Final Hydrostatic 2334  Straddle — KCC WICHITA  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copes  
 Initial Open 30  Extra Packer  
 Initial Shut-In 45  Extra Recorder  
 Final Flow 45  Day Standby  
 Final Shut-In 90  Accessibility  
 Sub Total 1726.20 Sub Total 1736.20 MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative Chuck Smith

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. 45100

Well Name & No. Hills Trust "T" 5-26 Test No. 2 Date 4-7-12  
 Company Slawson Exploration Co., Inc. Elevation 3180 KB 3175 GL  
 Address 204 N. Robinson Ave. Ste. 2300 Oklahoma City, OK 73102  
 Co. Rep / Geo. Pat Deenihan Rig WW#4  
 Location: Sec. 26 Twp. 10s Rge. 34w Co. Thomas State Ks

Interval Tested 4626-4686 Zone Tested Johnson  
 Anchor Length 60 Drill Pipe Run 4486 Mud Wt. 9.3  
 Top Packer Depth 4622 Drill Collars Run 125 Vis 50  
 Bottom Packer Depth 4626 Wl. Pipe Run 0 WL 2.2  
 Total Depth 4686 Chlorides 3300 ppm System LCM 1  
 Blow Description 1/2" Blow receded to surface blow.  
No return.  
No blow.  
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>10</u>	Feet of <u>M</u>				<u>100</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 122 Gravity - API RW @ °F Chlorides - ppm  
 (A) Initial Hydrostatic 2439  Test 1225' T-On Location 23:30  
 (B) First Initial Flow 18  Jars 250' T-Started 23:36  
 (C) First Final Flow 20  Safety Joint 75' T-Open 2:05  
 (D) Initial Shut-In 135  Circ Sub N/C T-Pulled 5:44  
 (E) Second Initial Flow 19  Hourly Standby  T-Out 7:34  
 (F) Second Final Flow 21  Mileage 133 RT 186.20 Comments   
 (G) Final Shut-In 16.8  Sampler   
 (H) Final Hydrostatic 2362  Straddle   
 Shale Packer   
 Shale Packer   
 Extra Packer   
 Extra Recorder   
 Day Standby   
 Accessibility   
 Sub Total 1736.20

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 453  
 Final Shut-In 90

MP/DST Disc't   
 Sub Total 1736.20

Approved By \_\_\_\_\_ Our Representative Chuck Smith

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.