

ORIGINAL

11/9/13

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_  
Name: WW Drilling  
Wellsite Geologist: Pat Deenihan  
Purchaser: Plains Marketing

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 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 #: \_\_\_\_\_  
8/12/11    8/20/11    9/1/11  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 193 20813-00-00  
Spot Description: \_\_\_\_\_  
NW NW NW Sec. 26 Twp. 10 S. R. 34  East  West  
330 Feet from  North /  South Line of Section  
330 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 #: 3  
Field Name: \_\_\_\_\_  
Producing Formation: Johnson & Pawnee  
Elevation: Ground: 3184 Kelly Bushing: 3189  
Total Depth: 4850 Plug Back Total Depth: 4801  
Amount of Surface Pipe Set and Cemented at: 294' set @ 301 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2777 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: 5000 ppm Fluid volume: 5000 bbls  
Dewatering method used: evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter: \_\_\_\_\_ Twp. \_\_\_\_\_ S. R.  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_  
NOV 09 2013    NOV 09 2011  
KCC    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: 11/9/11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
Date: 11-09-11 - 11-09-13  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: [Signature] Date: 11-4-11

Operator Name: Stawson Exploration Co., Inc.

Lease Name: Hills Trust I

Well #: 3

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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i></p> <p>List All E. Logs Run: <b>DIL-SP-GR, Sonic, Density, Neutron, ML</b></p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">Log</th> <th colspan="2">Formation (Top), Depth and Datum</th> <th colspan="2">Sample</th> </tr> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> <th></th> <th>Datum</th> <th></th> </tr> <tr> <td>Anth</td> <td>2691 +498</td> <td>Marmaton</td> <td>4431</td> <td>-1242</td> <td></td> </tr> <tr> <td>B/Anth</td> <td>2718 +471</td> <td>Pawnee</td> <td>4536</td> <td>-1347</td> <td></td> </tr> <tr> <td>Wabunsee</td> <td>3728 -539</td> <td>Uick</td> <td>4580</td> <td>-1391</td> <td></td> </tr> <tr> <td>Hbo</td> <td>4073 -884</td> <td>Rt Scott</td> <td>4585</td> <td>-1396</td> <td></td> </tr> <tr> <td>Lns</td> <td>4116 -927</td> <td>Lck</td> <td>4616</td> <td>-1427</td> <td></td> </tr> <tr> <td>Muncie Creek</td> <td>4254 -1065</td> <td>John Z</td> <td>4662</td> <td>-1473</td> <td></td> </tr> <tr> <td>Stk</td> <td>4338 -1149</td> <td>Map</td> <td>4743</td> <td>-1554</td> <td></td> </tr> <tr> <td>B&amp;C</td> <td>4402 -1213</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Log		Formation (Top), Depth and Datum		Sample		Name	Top	Datum		Datum		Anth	2691 +498	Marmaton	4431	-1242		B/Anth	2718 +471	Pawnee	4536	-1347		Wabunsee	3728 -539	Uick	4580	-1391		Hbo	4073 -884	Rt Scott	4585	-1396		Lns	4116 -927	Lck	4616	-1427		Muncie Creek	4254 -1065	John Z	4662	-1473		Stk	4338 -1149	Map	4743	-1554		B&C	4402 -1213				
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B&C	4402 -1213																																																												

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
sfc	12-1/4	8-5/8	23#	301	Common	200	3%CC, 2%gel
prod	7-7/8	4-1/2	11.6#	4843	ASC	200	2% gel, 10% salt, 5# Gilsontite
					Lite/Common	550 lbs / 50 common	

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	Johnson 4664'-72' & 4678'-82'	1000 gals 15% HCl	
4	Pawnee 4568-78	500 gals 15% HCl	

<b>TUBING RECORD:</b> Size: <u>2-3/8</u> Set At: <u>4713</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>9/1/11</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>56</u>	Gas Mcf <u>0</u>	Water Bbls. <u>1</u> Gas-Oil Ratio _____ Gravity <u>30</u>

<b>DISPOSITION OF GAS:</b> <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# ALLIED CEMENTING CO., LLC. 043385

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

SERVICE POINT: Dakley KS

DATE <u>8-12-11</u>	SEC <u>26</u>	TWP <u>10</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00pm</u>	JOB FINISH <u>7:30pm</u>
LEASE <u>Hills West</u>	WELL # <u>3</u>	LOCATION <u>Marionnet 20 SW 50 2015</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>E+Suite</u>			

CONTRACTOR WV #4 OWNER same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 TD. 302'

CASING SIZE 8 7/8 DEPTH 301.15

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 18.13 661

EQUIPMENT

PUMP TRUCK CEMENTER Lakene

# 423/281 HELPER Jerry / Darren

BULK TRUCK

# 404 DRIVER Ethan

BULK TRUCK

# DRIVER

REMARKS:

Mix 200 sks down 8" casing

Disp Ace with water

Cement did Circulate

CHARGE TO: Stawson

STREET \_\_\_\_\_

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

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 Rodney Doherty

SIGNATURE Rodney Doherty

CEMENT	AMOUNT ORDERED	<u>200 sks 69/40 3% OC</u>
	<u>220 gal</u>	
COMMON	<u>120 sks @ 16.25</u>	<u>1950.00</u>
POZMIX	<u>80 sks @ 8.50</u>	<u>680.00</u>
GEL	<u>350 @ 21.25</u>	<u>7437.50</u>
CHLORIDE	<u>750 @ 52.20</u>	<u>39150.00</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>2105 sks @ 2.25</u>	<u>4725.00</u>
MILEAGE	<u>1185 sk/mile</u>	<u>462.00</u>
TOTAL		<u>40356.3</u>

SERVICE

DEPTH OF JOB	<u>301.13</u>	
PUMP TRUCK CHARGE		<u>1123.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>200 x 2 @ 2.00</u>	<u>800.00</u>
MANIFOLD	<u>4 coal @ 200.00</u>	<u>800.00</u>
Light Vehicle mileage	<u>@ 4.00</u>	<u>160.00</u>
	@	
TOTAL		<u>1763.00</u>

PLUG & FLOAT EQUIPMENT

<u>1 7/8 wood plug</u>	@	<u>72.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>72.00</u>

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

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

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

**CONFIDENTIAL**

NOV 09 2013

**KCC**

RECEIVED

NOV 09 2011

**KCC WICHITA**

# ALLIED CEMENTING CO., LLC. 043480

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

SERVICE POINT:

DATE <u>8-21-11</u>	SEC. <u>26</u>	TWP. <u>10</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	<u>Oakley</u> Bottom top bottom top
WELL # <u>3</u>	LOCATION <u>monument 24 SW</u>	JOB START <u>5:30</u>	JOB FINISH <u>9:00pm</u>	COUNTY <u>THOMAS</u>	STATE <u>KS</u>	
OR NEW (Circle one)		<u>2W 1S E.S. into</u>				

CONTRACTOR W-T-W Drilling Rig 4  
 TYPE OF JOB Production (2 stage)  
 HOLE SIZE 7 7/8 T.D. 4834'  
 CASING SIZE 4 1/2 DEPTH 4834'  
 TUBING SIZE DEPTH  
 RILL PIPE DEPTH  
 CQOL DV DEPTH 2769'  
 RES. MAX MINIMUM  
 HEAS. LINE SHOE JOINT 42.18'  
 CEMENT LEFT IN CSG. 42.18'  
 ERFs. Bottom TOP  
 DISPLACEMENT 31.35 water 42.91  
42.02 mud  
 EQUIPMENT

OWNER same  
 CEMENT  
 AMOUNT ORDERED 200 SKS ASC 2 Stage L  
5 Gilsonite 10 bags  
60 SKS Lite 1/2" Flowseal 50 SKS com  
500 gal WFR-2  
 COMMON 50 SKS @ 16.25 812.50  
 POZMIX @  
 GEL 4 SKS @ 21.25 85.00  
 CHLORIDE @  
 ASC 200 SKS @ 19.00 3800.00  
 @  
Lite 650 SKS @ 14.50 9425.00  
SALT 20 SKS @ 23.95 479.00  
Gilsonite 1000# @ .89 890.00  
 @  
Flowseal 163# @ 2.76 440.10  
 @  
WFR-2 500 gal @ 1.27 635.00  
 HANDLING 984 SKS @ 2.25 2214.00  
 MILEAGE 114 SK/mile 2164.80  
 TOTAL 20945.40

UMP TRUCK CEMENTER Andrew  
423-281 HELPER Jerry  
 ULK TRUCK  
404 DRIVER Chris H  
 ULK TRUCK  
394 DRIVER Chris H  
386 Garl

REMARKS:

500 gal WFR-2 mix ASC wash pump  
nd line clean Release plug displace  
30' Lift Land plug 1300 plug Land ed  
lost hold open DV Tool 200#  
249 Rat hole 30 SKS mix 620 SKS  
Lite followed by 50 SKS com down  
4" casing wash pump and line clean  
2" place plug 800' Lift Land plug 1800  
ement circulated Tool closed  
thank you

SERVICE  
 DEPTH OF JOB 4834'  
 PUMP TRUCK CHARGE 2405.00  
 EXTRA FOOTAGE @  
 MILEAGE 20 miles x 2 @ 7.00 280.00  
 MANIFOLD head @ 200.00  
Light vehicle @ 4.00 160.00  
 @

CHARGE TO: Slawson exploration  
 STREET  
 CITY Wichita STATE OK ZIP

TOTAL 30451.00

PLUG & FLOAT EQUIPMENT

4 1/2  
 1 AFU Guide shoe @ 322.00  
 1 Latchdown plug AS @ 233.00  
 1 Basket @ 270.00  
 1 DV Tool @ 4456.00  
 14 Centralizers @ 48.00 672.00  
 TOTAL 5958.00

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.

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

PRINTED NAME Rodney Gonzalez  
 SIGNATURE Rodney Gonzalez

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KCC WICHITA

# ALLIED CEMENTING CO., LLC. 043385

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

SERVICE POINT: Dakley, KS

DATE <u>8-12-11</u>	SEC. <u>26</u>	TWP. <u>10</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00pm</u>	JOB FINISH <u>7:30pm</u>
LEASE <u>14113 West</u>	WELL# <u>3</u>	LOCATION <u>Marionnet 200 SW 90 2415</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Ext Suite</u>			

CONTRACTOR WV #4  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 302'  
 CASING SIZE 8 7/8 DEPTH 301.15  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15'  
 PERFS.  
 DISPLACEMENT 18.13 bbl

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 200 SKS 60/40 3200  
2 logs

COMMON	<u>120 SKS @ 16.25</u>	<u>1950.00</u>
POZMIX	<u>80 SKS @ 8.50</u>	<u>680.00</u>
GEL	<u>35 SKS @ 21.25</u>	<u>743.75</u>
CHLORIDE	<u>75 SKS @ 59.20</u>	<u>4440.00</u>
ASC	@	
HANDLING	<u>2105 SKS @ 2.25</u>	<u>4736.25</u>
MILEAGE	<u>11.5 SK/mile</u>	<u>132.25</u>
<b>TOTAL</b>		<b><u>4035.63</u></b>

EQUIPMENT  
 PUMP TRUCK CEMENTER Lakene  
 # 423/281 HELPER Jerry / Darren  
 BULK TRUCK  
 # 404 DRIVER Ethan  
 BULK TRUCK  
 # DRIVER

REMARKS:

Mix 200 SKS down 8" casing  
Disp place with water

Cement did Circulate

CHARGE TO: Stawson  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>301.15</u>	
PUMP TRUCK CHARGE		<u>1125.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>200 x 2 @ 2.00</u>	<u>800.00</u>
MANIFOLD	<u>head @</u>	<u>200.00</u>
Light Vehicle mileage	<u>@ 4.00</u>	<u>160.00</u>
<b>TOTAL</b>		<b><u>1765.00</u></b>

PLUG & FLOAT EQUIPMENT

<u>1 Topwood plug</u>	@	<u>72.00</u>
	@	
	@	
	@	
	@	
<b>TOTAL</b>		<b><u>72.00</u></b>

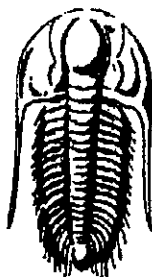
To Allied Cementing Co., LLC.  
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PRINTED NAME Rodney Doherty  
 SIGNATURE Rodney Doherty

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

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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

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

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

ATTN: Pat Deenihan

**26 10s 34w Thomas,KS**

**Hills Trust I #3**

Start Date: 2011.08.17 @ 03:57:00

End Date: 2011.08.17 @ 10:06:00

Job Ticket #: 43633 DST #: 1

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**KCC WICHITA**

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Slawson Exploration Co, Inc

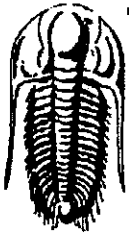
Hills Trust I #3

26 10s 34w Thomas,KS

DST # 1

Lansing K

2011.08.17



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Slawson Exploration Co, Inc

**Hills Trust I #3**

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

**26 10s 34w Thomas,KS**

ATTN: Pat Deenihan

Job Ticket: 43633

DST#: 1

Test Start: 2011.08.17 @ 03:57:00

**GENERAL INFORMATION:**

Formation: **Lansing K**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 06:55:45  
Time Test Ended: 10:06:00

Test Type: Conventional Bottom Hole  
Tester: Bradley Walter  
Unit No: 40

Interval: **4335.00 ft (KB) To 4358.00 ft (KB) (TVD)**  
Total Depth: 4358.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3189.00 ft (KB)  
3183.00 ft (CF)  
KB to GR/CF: 6.00 ft

**Serial #: 8652**

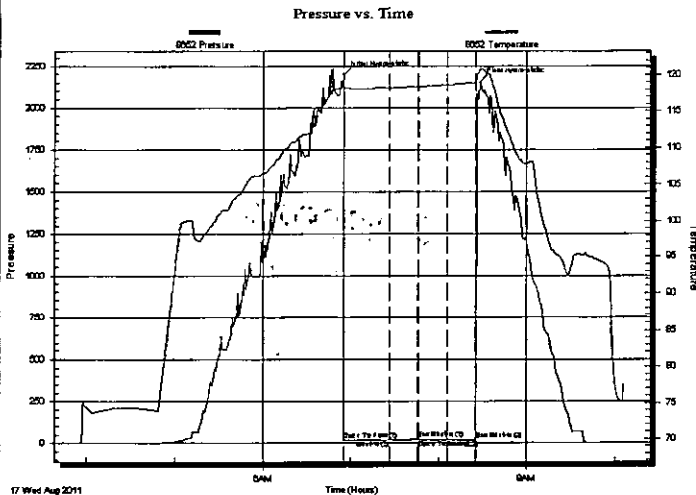
Inside

Press@RunDepth: 19.70 psig @ 4336.00 ft (KB)  
Start Date: 2011.08.17 End Date: 2011.08.17  
Start Time: 03:57:05 End Time: 10:05:59

Capacity: 8000.00 psig  
Last Calib.: 2011.08.17  
Time On Btm: 2011.08.17 @ 06:55:30  
Time Off Btm: 2011.08.17 @ 08:28:00

TEST COMMENT: IF: Surface blow, Died @ 10 minutes.  
IS: No return blow.  
FF: No blow.  
FF: no return blow.

**PRESSURE SUMMARY**



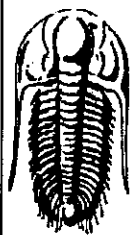
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.91	118.68	Initial Hydro-static
1	19.67	117.92	Open To Flow (1)
31	19.29	118.24	Shut-In(1)
51	22.62	118.42	End Shut-In(1)
51	19.06	118.42	Open To Flow (2)
71	19.70	118.65	Shut-In(2)
90	19.88	118.98	End Shut-In(2)
93	2152.10	120.81	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
3.00	mud 100% m ( oil specks)	0.01

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Slawson Exploration Co, Inc

**Hills Trust I #3**

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

**26 10s 34w Thomas,KS**

Job Ticket: 43633

**DST#: 1**

ATTN: Pat Deenihan

Test Start: 2011.08.17 @ 03:57:00

### Tool Information

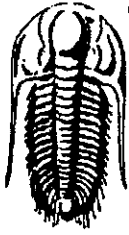
Drill Pipe:	Length: 4191.00 ft	Diameter: 3.80 inches	Volume: 58.79 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4335.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4308.00	
Shut In Tool	5.00			4313.00	
Hydraulic tool	5.00			4318.00	
Jars	5.00			4323.00	
Safety Joint	2.00			4325.00	
Packer	5.00			4330.00	28.00 Bottom Of Top Packer
Packer	5.00			4335.00	
Stubb	1.00			4336.00	
Recorder	0.00	8652	Inside	4336.00	
Recorder	0.00	8360	Outside	4336.00	
Perforations	19.00			4355.00	
Bullnose	3.00			4358.00	23.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>51.00</b>				





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Slaw son Exploration Co, Inc

**Hills Trust I #3**

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

**26 10s 34w Thomas,KS**

Job Ticket: 43633

**DST#: 1**

ATTN: Pat Deenihan

Test Start: 2011.08.17 @ 03:57:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.55 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 2.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100% <sub>m</sub> ( oil specks)	0.015

Total Length: 3.00 ft

Total Volume: 0.015 bbl

Num Fluid Samples: 0

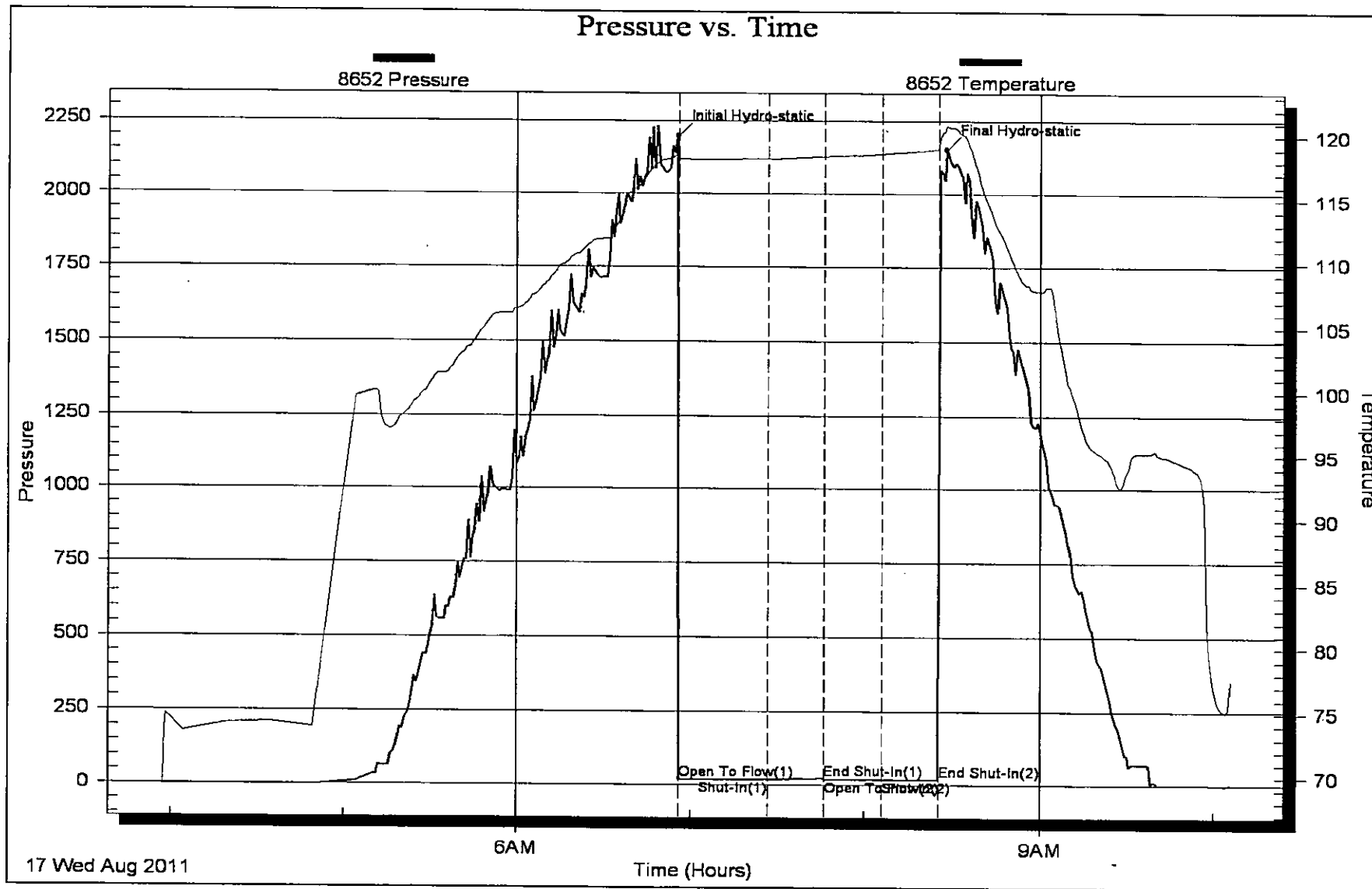
Num Gas Bombs: 0

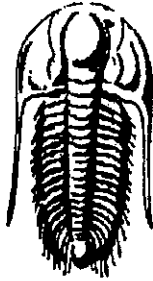
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

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

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

ATTN: Pat Deenihan

**26 10s 34w Thomas,KS**

**Hills Trust I #3**

Start Date: 2011.08.17 @ 17:42:00

End Date: 2011.08.17 @ 22:41:45

Job Ticket #: 43634                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Slawson Exploration Co, Inc

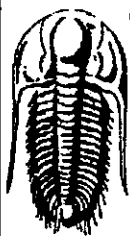
Hills Trust I #3

26 10s 34w Thomas,KS

DST # 2

LKC

2011.08.17



**TRILOBITE TESTING, INC**

## DRILL STEM TEST REPORT

Slawson Exploration Co, Inc

Hills Trust I #3

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

26 10s 34w Thomas,KS

ATTN: Pat Deenihan

Job Ticket: 43634

DST#: 2

Test Start: 2011.08.17 @ 17:42:00

### GENERAL INFORMATION:

Formation: **LKC**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 19:37:15

Time Test Ended: 22:41:45

Test Type: **Conventional Bottom Hole**

Tester: **Bradley Walter**

Unit No: **40**

Interval: **4368.00 ft (KB) To 4387.00 ft (KB) (TVD)**

Reference Elevations: **3189.00 ft (KB)**

Total Depth: **4387.00 ft (KB) (TVD)**

**3183.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **6.00 ft**

### Serial #: 8652

Inside

Press@RunDepth: **16.62 psig @ 4369.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.08.17**

End Date: **2011.08.17**

Last Calib.: **2011.08.17**

Start Time: **17:42:05**

End Time: **22:41:44**

Time On Btm: **2011.08.17 @ 19:36:45**

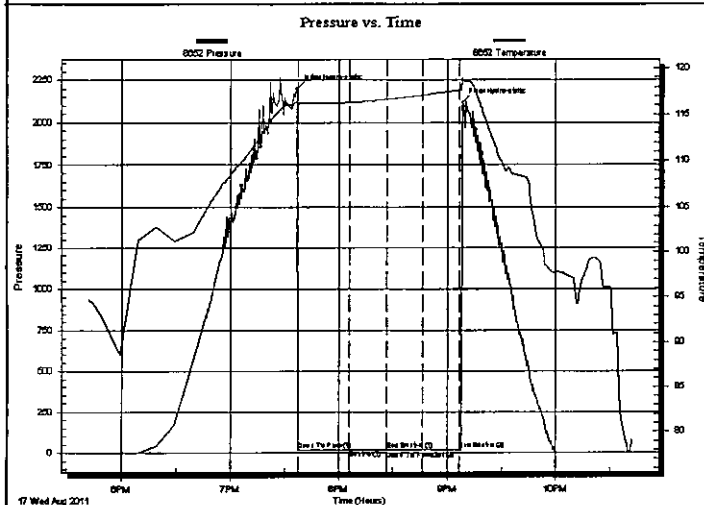
Time Off Btm: **2011.08.17 @ 21:08:00**

TEST COMMENT: IF: Surge bubbled then died.

IS: No return blow.

FF: No blow.

FS: No return blow.



### PRESSURE SUMMARY

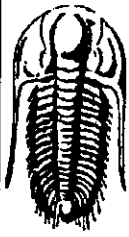
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2199.43	116.48	Initial Hydro-static
1	17.12	115.92	Open To Flow (1)
30	17.47	116.34	Shut-In(1)
50	19.55	116.65	End Shut-In(1)
50	16.50	116.65	Open To Flow (2)
70	16.62	117.09	Shut-In(2)
90	18.83	117.60	End Shut-In(2)
92	2118.64	118.96	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	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

**Hills Trust I #3**

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

**26 10s 34w Thomas,KS**

Job Ticket: 43634

**DST#: 2**

ATTN: Pat Deenihan

Test Start: 2011.08.17 @ 17:42:00

### Tool Information

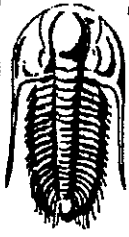
Drill Pipe:	Length: 4222.00 ft	Diameter: 3.80 inches	Volume: 59.22 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4368.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4341.00	
Shut In Tool	5.00			4346.00	
Hydraulic tool	5.00			4351.00	
Jars	5.00			4356.00	
Safety Joint	2.00			4358.00	
Packer	5.00			4363.00	28.00 Bottom Of Top Packer
Packer	5.00			4368.00	
Stubb	1.00			4369.00	
Recorder	0.00	8652	Inside	4369.00	
Recorder	0.00	8360	Outside	4369.00	
Perforations	15.00			4384.00	
Bullnose	3.00			4387.00	19.00 Bottom Packers & Anchor

**Total Tool Length: 47.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Slawson Exploration Co, Inc

**Hills Trust I #3**

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

**26 10s 34w Thomas,KS**

Job Ticket: 43634

**DST#: 2**

ATTN: Pat Deenihan

Test Start: 2011.08.17 @ 17:42:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.56 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100% <sub>m</sub>	0.005

Total Length: 1.00 ft

Total Volume: 0.005 bbl

Num Fluid Samples: 0

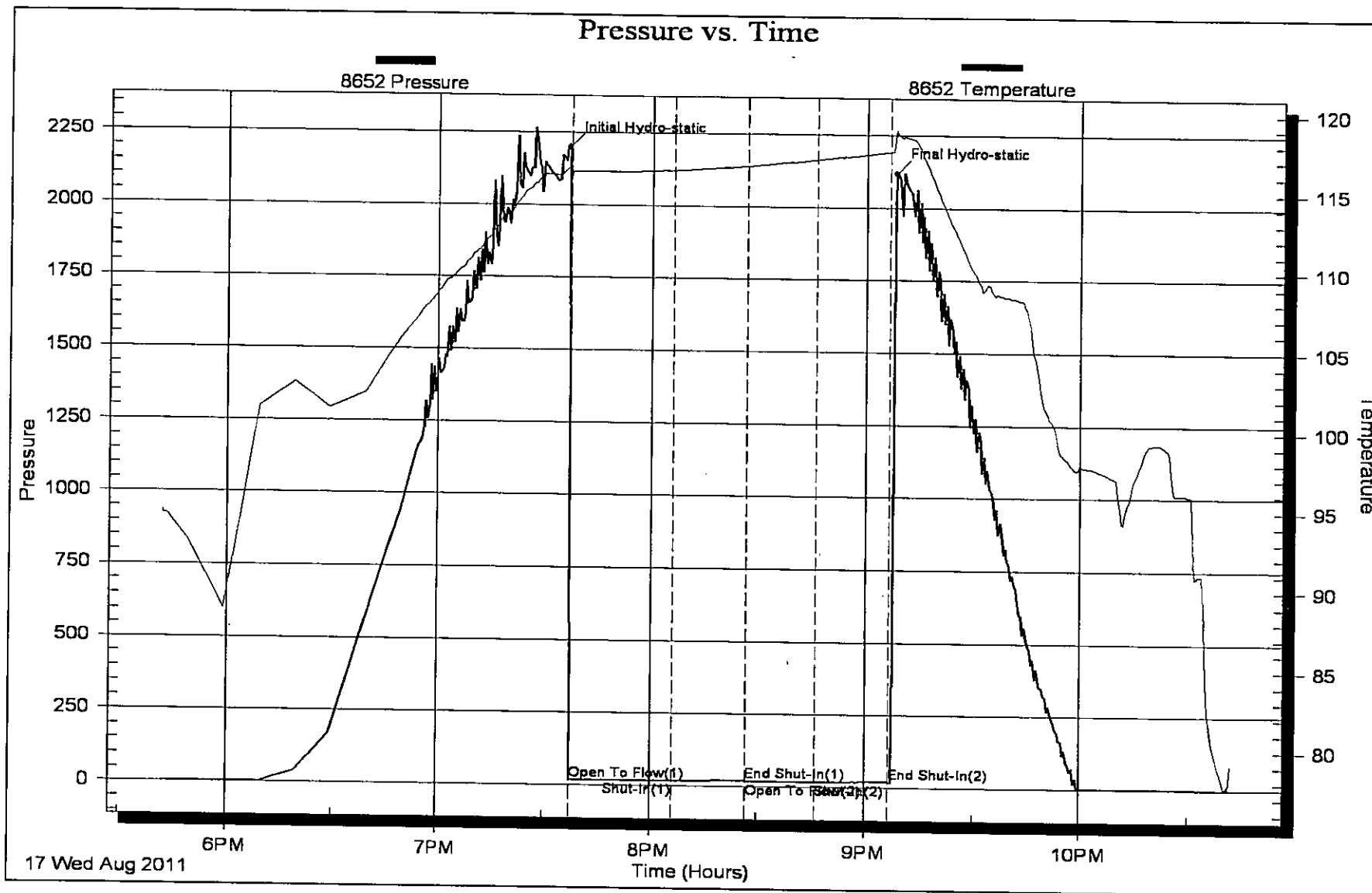
Num Gas Bombs: 0

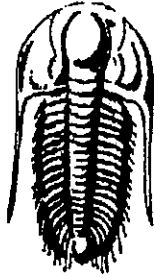
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

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

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

ATTN: Pat Deenihan

**26 10s 34w Thomas,KS**

**Hills Trust I #3**

Start Date: 2011.08.18 @ 22:15:00

End Date: 2011.08.19 @ 07:13:30

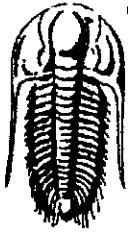
Job Ticket #: 43635                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Slawson Exploration Co, Inc

Hills Trust I #3

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

26 10s 34w Thomas,KS

Job Ticket: 43635

DST#: 3

ATTN: Pat Deenihan

Test Start: 2011.08.18 @ 22:15:00

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 00:13:30

Time Test Ended: 07:13:30

Test Type: Conventional Bottom Hole

Tester: Bradley Walter

Unit No: 40

Interval: **4512.00 ft (KB) To 4576.00 ft (KB) (TVD)**

Total Depth: **4576.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: 3189.00 ft (KB)

3183.00 ft (CF)

KB to GR/CF: 6.00 ft

**Serial #: 8652**

Inside

Press@RunDepth: 330.17 psig @ 4513.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.18

End Date:

2011.08.19

Last Calib.: 2011.08.19

Start Time: 22:15:05

End Time:

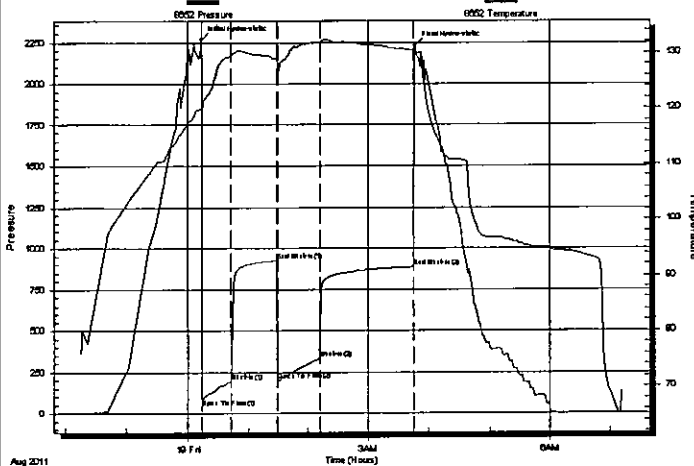
07:13:30

Time On Btm: 2011.08.19 @ 00:13:15

Time Off Btm: 2011.08.19 @ 03:46:00

TEST COMMENT: IF: BOB @ 4 minutes.  
IS: BOB @ 10 minutes.  
FF: BOB @ 3 minutes.  
FS: BOB @ 9 minutes.

Pressure vs. Time



## PRESSURE SUMMARY

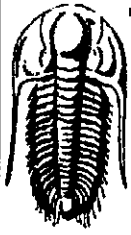
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.68	119.78	Initial Hydro-static
1	35.76	118.33	Open To Flow (1)
30	194.11	129.51	Shut-In(1)
76	923.02	128.86	End Shut-In(1)
76	198.89	127.75	Open To Flow (2)
119	330.17	131.73	Shut-In(2)
212	883.09	130.46	End Shut-In(2)
213	2228.66	130.45	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
280.00	gmco 50g 10m 40o	2.82
310.00	gocm 55g 20o 25m	4.35
280.00	go 45g 55o	3.93
0.00	2280 GIP	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

**Hills Trust I #3**

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

**26 10s 34w Thomas,KS**

Job Ticket: 43635

**DST#: 3**

ATTN: Pat Deenihan

Test Start: 2011.08.18 @ 22:15:00

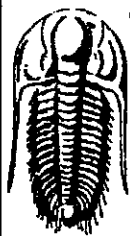
**Tool Information**

Drill Pipe:	Length: 4382.00 ft	Diameter: 3.80 inches	Volume: 61.47 bbl	Tool Weight: 2000.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 69000.00 lb
			<b>Total Volume: 62.07 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4512.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4485.00	
Shut In Tool	5.00			4490.00	
Hydraulic tool	5.00			4495.00	
Jars	5.00			4500.00	
Safety Joint	2.00			4502.00	
Packer	5.00			4507.00	28.00 Bottom Of Top Packer
Packer	5.00			4512.00	
Stubb	1.00			4513.00	
Recorder	0.00	8652	Inside	4513.00	
Recorder	0.00	8360	Outside	4513.00	
Perforations	22.00			4535.00	
Change Over Sub	1.00			4536.00	
Drill Pipe	32.00			4568.00	
Change Over Sub	1.00			4569.00	
Perforations	4.00			4573.00	
Bullnose	3.00			4576.00	64.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>92.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Slawson Exploration Co, Inc

Hills Trust I #3

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

26 10s 34w Thomas,KS

Job Ticket: 43635

DST#: 3

ATTN: Pat Deenihan

Test Start: 2011.08.18 @ 22:15:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
280.00	gmco 50g 10m 40o	2.816
310.00	gocm 55g 20o 25m	4.348
280.00	go 45g 55o	3.928
0.00	2280 GIP	0.000

Total Length: 870.00ft Total Volume: 11.092 bbl

Num Fluid Samples: 0

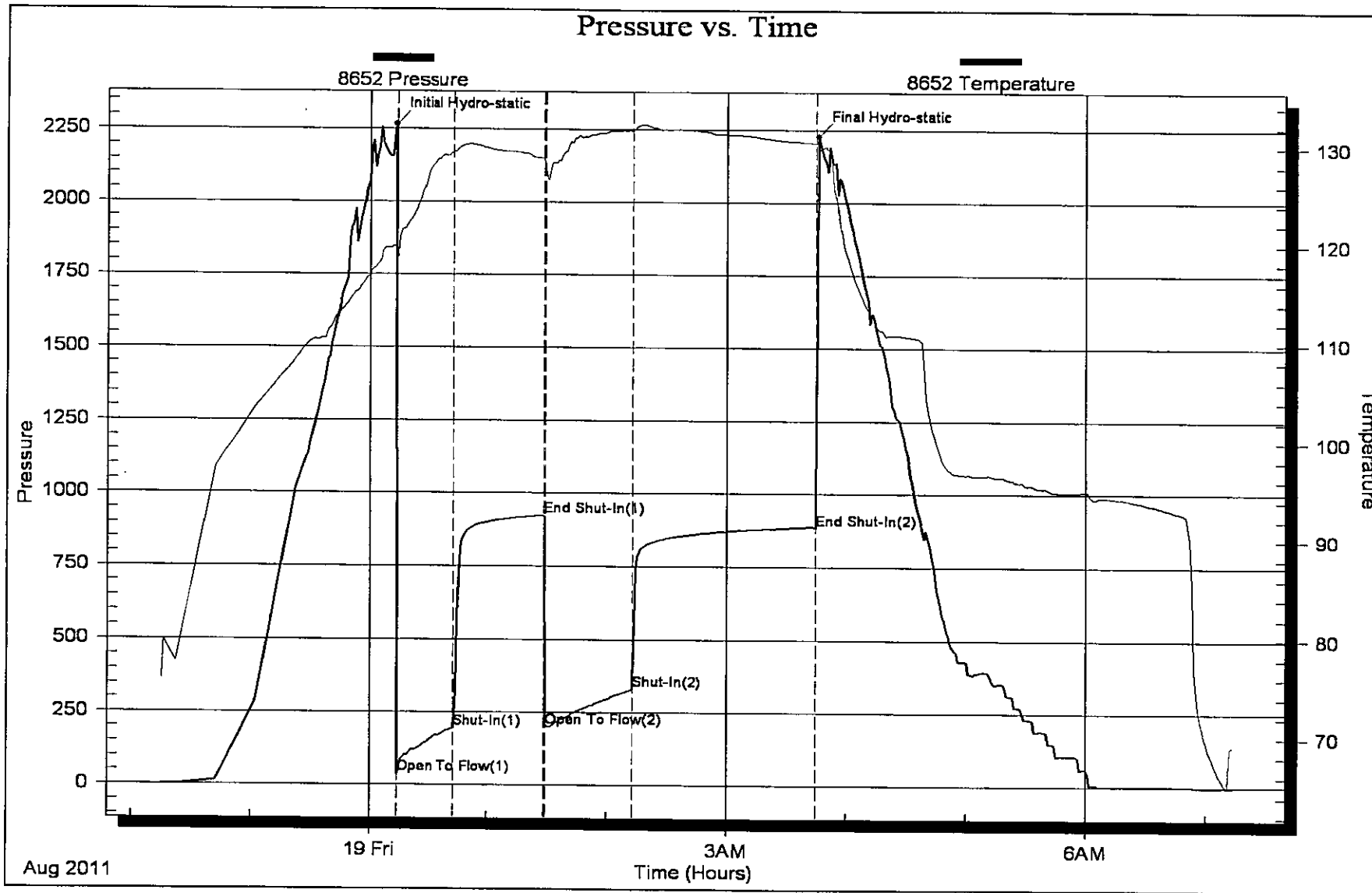
Num Gas Bombs: 0

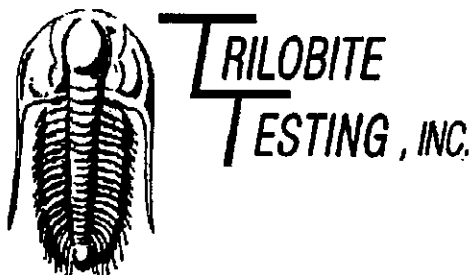
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is 39 @ 63 = 39





## DRILL STEM TEST REPORT

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

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

ATTN: Pat Deenihan

**26 10s 34w Thomas,KS**

**Hills Trust I #3**

Start Date: 2011.08.19 @ 21:33:00

End Date: 2011.08.20 @ 06:21:30

Job Ticket #: 43636                      DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Slawson Exploration Co, Inc

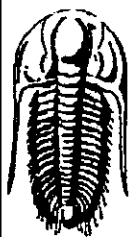
Hills Trust I #3

26 10s 34w Thomas,KS

DST # 4

Johnson

2011.08.19



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Slawson Exploration Co, Inc

Hills Trust I #3

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

26 10s 34w Thomas,KS

Job Ticket: 43636

DST#: 4

ATTN: Pat Deenihan

Test Start: 2011.08.19 @ 21:33:00

### GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 02:31:45

Time Test Ended: 06:21:30

Test Type: Conventional Bottom Hole

Tester: Bradley Walter

Unit No: 40

Interval: 4631.00 ft (KB) To 4696.00 ft (KB) (TVD)

Reference Elevations: 3189.00 ft (KB)

Total Depth: 4696.00 ft (KB) (TVD)

3183.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GRVCF: 6.00 ft

### Serial #: 8652

Inside

Press@RunDepth: 29.42 psig @ 4632.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.19 End Date: 2011.08.20

Last Calib.: 2011.08.20

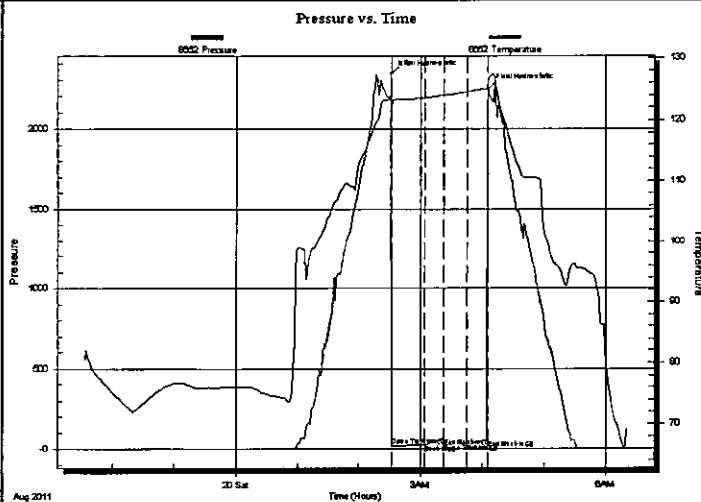
Start Time: 21:33:05 End Time: 06:21:30

Time On Btm: 2011.08.20 @ 02:31:30

Time Off Btm: 2011.08.20 @ 04:06:00

TEST COMMENT: IF: Surface blow, died @ 14 minutes.  
IS: No return blow.  
FF: No blow.  
FS: No return blow.

### PRESSURE SUMMARY



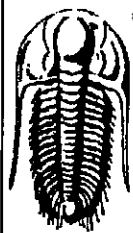
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2335.04	123.50	Initial Hydro-static
1	21.04	122.00	Open To Flow (1)
33	25.00	123.59	Shut-In(1)
51	69.92	124.03	End Shut-In(1)
52	29.68	124.00	Open To Flow (2)
74	29.42	124.54	Shut-In(2)
94	56.75	125.04	End Shut-In(2)
95	2251.78	126.55	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
15.00	ocm 15o 85m	0.07

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Slawson Exploration Co, Inc

**Hills Trust I #3**

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

**26 10s 34w Thomas,KS**

Job Ticket: 43636

**DST#: 4**

ATTN: Pat Deenihan

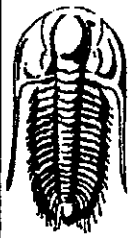
Test Start: 2011.08.19 @ 21:33:00

### Tool Information

Drill Pipe:	Length: 4506.00 ft	Diameter: 3.80 inches	Volume: 63.21 bbl	Tool Weight: 2000.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 73000.00 lb
		<b>Total Volume:</b>	<b>63.81 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4631.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	93.00 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			4604.00	
Shut In Tool	5.00			4609.00	
Hydraulic tool	5.00			4614.00	
Jars	5.00			4619.00	
Safety Joint	2.00			4621.00	
Packer	5.00			4626.00	28.00 Bottom Of Top Packer
Packer	5.00			4631.00	
Stubb	1.00			4632.00	
Recorder	0.00	8652	Inside	4632.00	
Recorder	0.00	8360	Outside	4632.00	
Perforations	23.00			4655.00	
Change Over Sub	1.00			4656.00	
Drill Pipe	32.00			4688.00	
Change Over Sub	1.00			4689.00	
Perforations	4.00			4693.00	
Bullnose	3.00			4696.00	65.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>93.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Slawson Exploration Co, Inc

Hills Trust I #3

204 N. Robinson STE 2300  
Oklahoma City, OK 73102

26 10s 34w Thomas,KS

Job Ticket: 43636

DST#: 4

ATTN: Pat Deenihan

Test Start: 2011.08.19 @ 21:33:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	ocm 15o 85m	0.074

Total Length: 15.00ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



