



KANSAS CORPORATION COMMISSION 1088059
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 # _____

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: _____



1088059

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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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	J. Schwein 1
Doc ID	1088059

Tops

Name	Top	Datum
ANHYDRITE TOP	848	1023
TARKIO	2485	-614
TOPEKA	2758	-887
HEEBNER SHALE	2986	-1115
TORONTO	3004	-1135
DOUGLAS	3018	-1147
LKC	3055	-1184
BKC	3260	-1389
ARBUCKLE	3292	-1421

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 431

Date	5-24-12	Sec.	25	Twp.	15	Range	14	County	Russell	State	Ks	On Location		Finish	9:30 PM
Lease	J. Schwein			Well No.	1			Location	281 + Michael's Rd, 1 E, N 1/2						

Contractor	Discovery #2				Owner	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.											
Type Job	Production				Hole Size	7 7/8"	T.D.	3400'	Charge To	Jason Oil							
Csg.	5 1/2"				Depth	3393'				Tbg. Size	Depth				Street		
Tool	Depth				Cement Left in Csg.	30.45'		Shoe Joint	30.45'		City	State					
Meas. Line	Displace				80 BLS				The above was done to satisfaction and supervision of owner agent or contractor.								

EQUIPMENT

Pumptrk	9	No.	Cementer	Matt		Common										
Bulktrk	10	No.	Driver	Brian		Poz. Mix										
Bulktrk	p.u.	No.	Driver	Rick		Gel.										

JOB SERVICES & REMARKS

Remarks:	Hulls														
Rat Hole	30sx														
Mouse Hole	15sx														
Centralizers	1, 3, 5, 7, 9, 11 mid of #25+														
Baskets	2														
DAV or Port Collar	pipe on bottom, break														
Circulation	pump 500 gal Mud														
Clear 48,	Plug Rathole w/ 30 sx														
Plug mousehole	w/ 15 sx, Hook														
to 5 1/2" Casing	+ mix 155sx														
Q Pro-C 10% Salt	5% Gilsomite, 1/4" Flo-seal														
Seal, shut down,	wash pump + lines														
Released Plug	+ Displaced with														
80 BLS of water,	Released + held														
Lift pressure	700 #														
Land plug	to 1500 #														

FLOAT EQUIPMENT

Guide Shoe															
Centralizer	8 turbo's														
Baskets	1														
AFU Inserts															
Float Shoe	1														
Latch Down	1														
1-Limit Clamp															
1-Rotating head Assy															
Pumptrk Charge															
Mileage															

Signature													Tax	
													Discount	
													Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 665

Date	5-20-12	Sec.	25	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	11:45 AM
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Lease	J. Schwan	Well No.	1	Location	Russell 5 mi. Charles Rd 1 E 1/2 into
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Contractor	D. Schwan #2	Owner	To Quality Oilwell Cementing, Inc.
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Type Job	Surface	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
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Hole Size	12 1/4	T.D.	468
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Csg.	8 5/8	Depth	468	Charge To	Jason Oil
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Tbg. Size		Depth		Street	
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Tool		Depth		City		State	
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Cement Left in Csg.	20	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.		
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Meas Line		Displace	28 1/2 Bbl	Cement Amount Ordered	210 com 3% oil 2% oil
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EQUIPMENT

Pumptrk	5	No.	Cementer	Common	210
			Helper		
Bulktrk		No.	Driver	Poz. Mix	
			Driver		
Bulktrk	14	No.	Driver	Gel.	4
			Driver		

JOB SERVICES & REMARKS

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

8 5/8 on bottom FSA Circulation	Sand	
Mix 210 SK & Surface	Handling	221
	Mileage	

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

	Pumptrk Charge	Surface
	Mileage	13

	Tax
	Discount
	Total Charge
X Signature	<i>[Signature]</i>



DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co LLC**

PO Box 701
Russell KS 67665

ATTN: Jim Schoenberger/Jef

J. Schwien # 1

25-15s-14w Russell,KS

Start Date: 2012.05.23 @ 14:11:00

End Date: 2012.05.23 @ 22:52:30

Job Ticket #: 47748 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.24 @ 09:01:48



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jason Oil Co LLC

25-15s-14w Russell, KS

PO Box 701
Russell KS 67665

J. Schvien # 1

Job Ticket: 47748

DST#: 1

ATTN: Jim Schoenberger/Jef

Test Start: 2012.05.23 @ 14:11:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:42:30

Time Test Ended: 22:52:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 3278.00 ft (KB) To 3303.00 ft (KB) (TVD)

Reference Elevations: 1871.00 ft (KB)

Total Depth: 3303.00 ft (KB) (TVD)

1863.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6755 Outside

Press @ Run Depth: 318.39 psig @ 3279.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.23

End Date:

2012.05.23

Last Calib.:

2012.05.23

Start Time:

14:11:05

End Time:

22:52:30

Time On Btm:

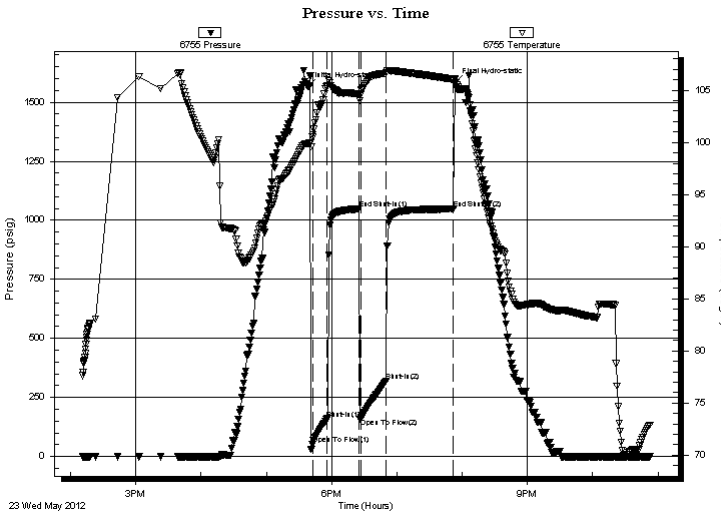
2012.05.23 @ 17:38:00

Time Off Btm:

2012.05.23 @ 19:53:30

TEST COMMENT: IF: Strong blow BOB 3 min
IS: No blow back
FF: Strong blow BOB 4 min
FS: Weak blow back 1 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1568.15	99.90	Initial Hydro-static
5	51.61	100.76	Open To Flow (1)
18	156.93	105.33	Shut-In(1)
48	1047.69	104.62	End Shut-In(1)
49	161.90	104.61	Open To Flow (2)
72	318.39	106.65	Shut-In(2)
134	1047.60	106.03	End Shut-In(2)
136	1583.61	106.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	930 GIP	0.00
464.00	M,W Gassy Oil 5% mud 20% water 25% gas 6.51% O ₂	
310.00	Muddy Water 5% mud 95% water	4.35

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Co LLC

25-15s-14w Russell,KS

PO Box 701
Russell KS 67665

J. Schvien # 1

Job Ticket: 47748

DST#: 1

ATTN: Jim Schoenberger/Jef

Test Start: 2012.05.23 @ 14:11:00

Tool Information

Drill Pipe:	Length: 3284.00 ft	Diameter: 3.80 inches	Volume: 46.07 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 46.07 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3278.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	46.00 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			3258.00	
Shut In Tool	5.00			3263.00	
Hydraulic tool	5.00			3268.00	
Packer	5.00			3273.00	21.00 Bottom Of Top Packer
Packer	5.00			3278.00	
Stubb	1.00			3279.00	
Recorder	0.00	6773	Outside	3279.00	
Recorder	0.00	6755	Outside	3279.00	
Perforations	21.00			3300.00	
Bullnose	3.00			3303.00	25.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jason Oil Co LLC

25-15s-14w Russell,KS

PO Box 701
Russell KS 67665

J. Schvien # 1

Job Ticket: 47748

DST#: 1

ATTN: Jim Schoenberger/Jef

Test Start: 2012.05.23 @ 14:11:00

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	930 GIP	0.000
464.00	M,W Gassy Oil 5% mud 20% water 25% gas 5%	6.509
310.00	Muddy Water 5% mud 95% water	4.348

Total Length: 774.00 ft

Total Volume: 10.857 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

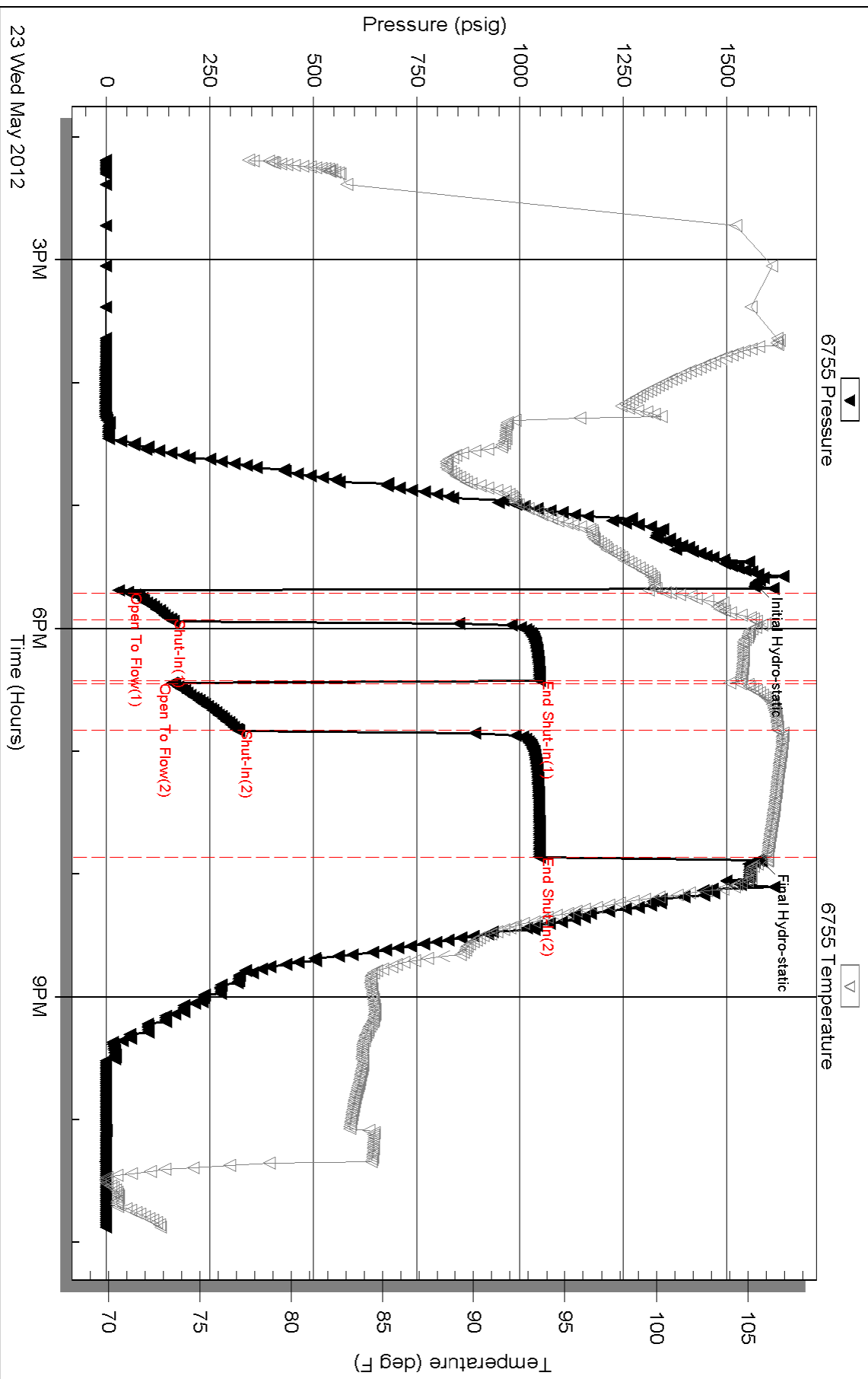
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

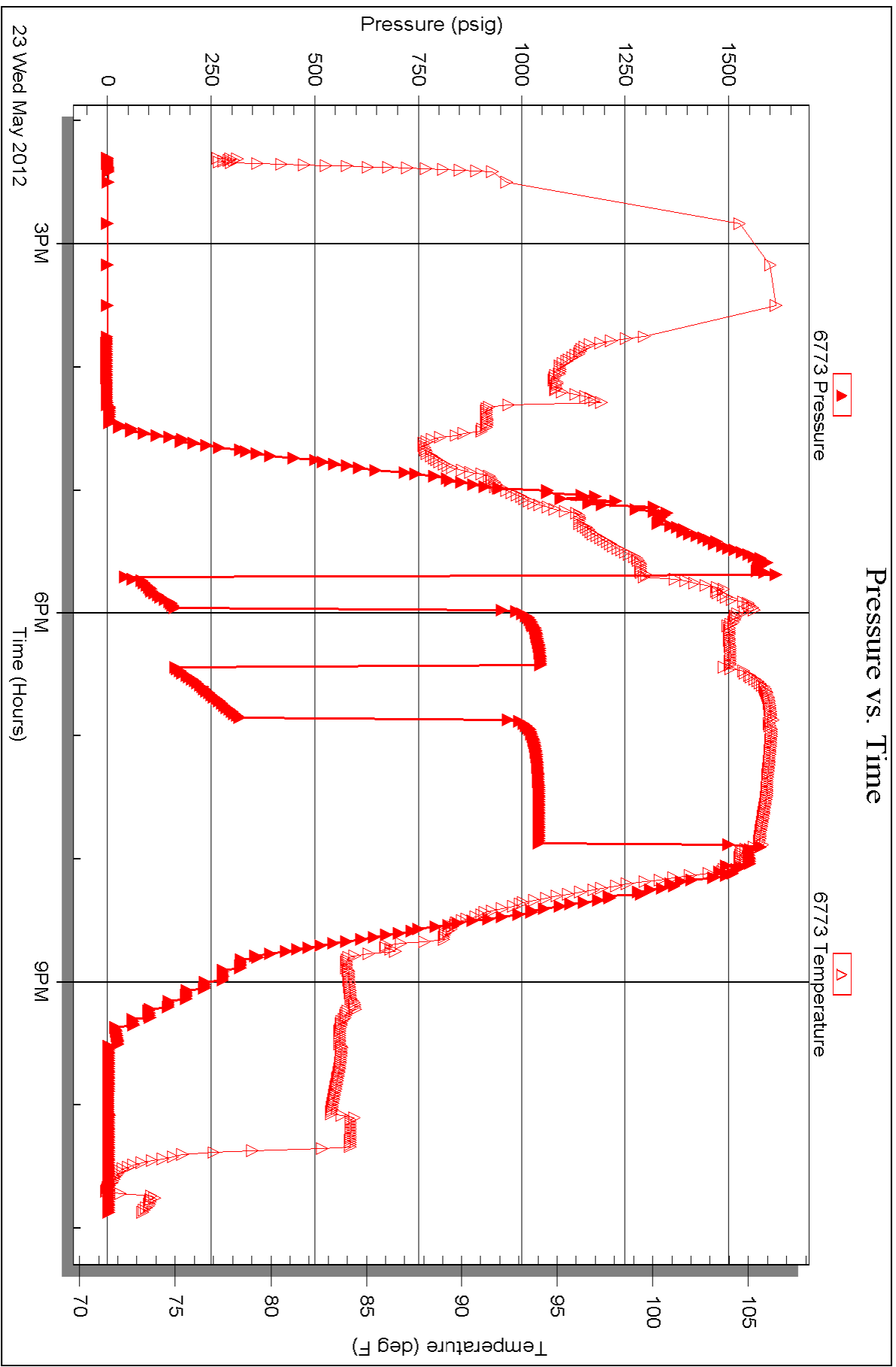


Serial #: 6773

Outside Jason Oil Co LLC

J. Schwien # 1

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47748

Well Name & No. J. Schwein #1 Test No. 1 Date 5-23-12
 Company Jason Oil Company LLC Elevation 1871 KB 1863 GL
 Address 3718 83RD ST Pobox 701 Russell KS 67665
 Co. Rep / Geo. Jim Schoenberger/Jeff Lawler Rig Discovery DRLg #2
 Location: Sec. 25 Twp. 15S Rge. 14W Co. Russell State KS

Interval Tested 3278 - 3303 Zone Tested ARBuckle
 Anchor Length 25' Drill Pipe Run 3284 Mud Wt. 9.2
 Top Packer Depth 3273 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 3278 Wt. Pipe Run 0 WL 9.6
 Total Depth 3303 Chlorides 4000 ppm System LCM 1.5#

Blow Description IF: STRong blow BOB 3min
ISI: ~~NO blow back~~ weak surface blow
FF: STRong blow BOB 4min
FSI weak blow back 1 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
464'	<u>930' GFP</u>				
<u>464'</u>	<u>M, W gasy oil</u>	<u>25</u>	<u>50</u>	<u>20</u>	<u>5</u>
<u>310'</u>	<u>M, W</u>			<u>95</u>	<u>5</u>

Rec Total 774' BHT 105 Gravity - API RW 108 @ 81 °F Chlorides 85,000 ppm

(A) Initial Hydrostatic 1568 Test 1150 T-On Location 13:30
 (B) First Initial Flow 51 Jars T-Started 14:11
 (C) First Final Flow 156 Safety Joint T-Open 17:42
 (D) Initial Shut-In 1047 Circ Sub T-Pulled 19:50
 (E) Second Initial Flow 161 Hourly Standby T-Out 22:30
 (F) Second Final Flow 318 Mileage 55^{mi} / 150 miles 85.25

(G) Final Shut-In 1047 Sampler
 (H) Final Hydrostatic 1583 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1235.25
 Accessibility MP/DST Disc't
 Sub Total 1235.25

Approved By [Signature] Our Representative [Signature]

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