



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1090304
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1090304

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Janzen 1-36
Doc ID	1090304

All Electric Logs Run

Array Induction
Photo Density
Comp Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Janzen 1-36
Doc ID	1090304

Tops

Name	Top	Datum
Base Anhydrite	2451	+660
Heebner	3983	-872
Lansing	4028	-917
Muncie Creek	4212	-1101
Stark Shale	4309	-1198
Hushpuckney	4356	-1245
BKC	4400	-1289
Pawnee	4531	-1420
L. Cherokee Shale	4610	-1499
Johnson	4655	-1544
Morrow Shale	4732	-1621
Mississippian	4808	-1697



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 131756

Invoice Date: Jun 26, 2012

Page: 1

Bill To:
Shakespeare Oil Co., Inc. 202 West Main St. Salem, IL 62881

INST RECEIVED
JUL 10 2012



Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Shak	Jansen # 1-36	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Jun 26, 2012	7/26/12

Quantity	Item	Description	Unit Price	Amount
168.00	MAT	Class A Common	16.25	2,730.00
112.00	MAT	Pozmix	8.50	952.00
9.00	MAT	Gel	21.25	191.25
70.00	MAT	FloSeal	2.70	189.00
300.72	SER	Handling	2.10	631.51
565.02	SER	Ton Miles	2.35	1,327.79
1.00	SER	Plugged to Abandon	1,250.00	1,250.00
45.00	SER	Heavy Vehicle Mileage	7.00	315.00
45.00	SER	Light Vehicle Mileage	4.00	180.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Dane Retzloff		
1.00	OPER ASSIST	Ethan Glassman		

Plug
10502-817

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1941.63

ONLY IF PAID ON OR BEFORE

Jul 21, 2012

Subtotal	7,766.55
Sales Tax	566.96
Total Invoice Amount	8,333.51
Payment/Credit Applied	
TOTAL	8,333.51

DW

ALLIED OIL & GAS SERVICES, LLC 056293

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley

DATE <u>6-26-17</u>	SEC <u>36</u>	TWP <u>16</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00 Am</u>	JOB FINISH <u>10:00 Am</u>
LEASE <u>Janzen</u>	WELL# <u>1-36</u>	LOCATION <u>Pence 2E 2S 1/2 E</u>			COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>has wind</u>					

CONTRACTOR H O #2
 TYPE OF JOB PTA
 HOLE SIZE 2 7/8 T.D. 4890'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 2460'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSQ. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER same

CEMENT
 AMOUNT ORDERED 280 sks 6940
480 gal 1/4 flo-seal
 COMMON 168 sks @ 16.25 2730.00
 POZMIX 112 sks @ 8.50 952.00
 GBL 9 sks @ 21.25 191.25
 CHLORIDE _____ @ _____
 ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Andrew Foralund
 # 431 HELPER Dane Retzlaff
 BULK TRUCK _____
 # 404 DRIVER Ethan Glassman
 BULK TRUCK _____
 # _____ DRIVER _____

Flo-seal 30# @ 2.10 189.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 300.75 @ 2.10 631.50
 MILEAGE 2.35 Bonville 1.25 536.70 1327.79
 TOTAL 6021.54

REMARKS:

50 sks @ 24.0'
80 sks @ 16.50'
50 sks @ 8.40'
50 sks @ 2.90'
20 sks @ 6.0'
30 sks Reif hole

Thank you

CHARGE TO: Shakespeare
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 2460'
 PUMP TRUCK CHARGE _____ 1250.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 45 miles @ 2.00 315.00
 MANIFOLD _____ @ _____
Light vehicle @ 4.00 180.00
 _____ @ _____

TOTAL 1745.00

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES 7,766.54
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME LEWISNE TRESNER

SIGNATURE Lewisne Tresner

To: Allied Oil & Gas Services, 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.



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 131534
Invoice Date: Jun 12, 2012
Page: 1



Bill To:
Shakespeare Oil Co., Inc. 202 West Main St. Salem, IL 62881

INT

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Shak	Janzen #1-36	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Jun 12, 2012	7/12/12

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	16.25	2,843.75
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
188.75	SER	Handling	2.10	396.38
40.00	SER	Ton Miles	20.26	810.28
1.00	SER	Surface	1,125.00	1,125.00
40.00	SER	Heavy Vehicle Mileage	7.00	280.00
40.00	SER	Light Vehicle Mileage	4.00	160.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Kerry Rose		
1.00	EQUIP OPER	Joel Monahan		

Surface Cement
10 502-5



ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1507.08

ONLY IF PAID ON OR BEFORE
Jul 7, 2012

Subtotal	6,028.36
Sales Tax	237.74
Total Invoice Amount	6,266.10
Payment/Credit Applied	
TOTAL	6,266.10

DW

ALLIED OIL & GAS SERVICES, LLC 053655

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Sandy, KS

DATE <u>6-17-11</u>	SEC <u>36</u>	TWP <u>16</u>	RANGE <u>74</u>	CALLED OUT	ON LOCATION	JOB START <u>7:40 AM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Touza</u>	WELL # <u>1-76</u>	LOCATION <u>10th City North to 2295</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>		
OLD OR (NEW) (Circle one)		<u>1/4 mi to 2295, 1/2 mi to Royal, 3/4 mi to 2295, 1/2 mi to 2295, 1/2 mi to 2295</u> <u>2 south, 1/2 west, 1/2 east, 1/2 into</u>					
CONTRACTOR <u>H-D #2</u>		OWNER <u>Shakespeare Oil & Gas</u>					
TYPE OF JOB <u>Surface</u>		CEMENT					
HOLE SIZE <u>12 1/4</u>	T.D. <u>265</u>	AMOUNT ORDERED <u>115 gals Class A</u>					
CASING SIZE <u>8 3/8</u>	DEPTH <u>265</u>	<u>2 3/4 cc 2 1/2 gal</u>					
TUBING SIZE	DEPTH						
DRILL PIPE	DEPTH						
TOOL	DEPTH						
PRES. MAX	MINIMUM	COMMON <u>175</u> @ <u>16.25</u> <u>2,843.75</u>					
MEAS. LINE	SHOE JOINT	POZMIX @					
CEMENT LEFT IN CSG. <u>15 FT</u>		GEL <u>3</u> @ <u>21.25</u> <u>63.75</u>					
PERFS.		CHLORIDE <u>6</u> @ <u>58.20</u> <u>349.20</u>					
DISPLACEMENT <u>15.93 BBL</u>		ASC @					
EQUIPMENT							
PUMP TRUCK # <u>391</u>	CEMENTER <u>Greg R</u>						
	HELPER <u>Kerry R</u>						
BULK TRUCK # <u>5114/188</u>	DRIVER <u>Joel M</u>						
BULK TRUCK #	DRIVER						
		HANDLING <u>188.70</u> @ <u>2.10</u> <u>396.37</u>					
		MILEAGE <u>8.62 x 40</u> @ <u>2.35</u> <u>202.30</u>					
		TOTAL <u>4,463.35</u>					

REMARKS:
Pipe on bottom, circulate
CSG with big mud. Hook up
central pump and mix 115
gals Class A 3 3/4 cc 2 1/2 gal
Displace with 15.93 BBL
fresh 100 cement and circ.
about 10 - 12 gals
plug down @ 5:45 pm

CHARGE TO: Shakespeare Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

Good Job!

To: Allied Oil & Gas Services, 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 X Day Roberts
 SIGNATURE X Day Roberts
Thank You!

SERVICE		
DEPTH OF JOB		<u>1125.00</u>
PUMP TRUCK CHARGE		<u>7125.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>Hum 40</u>	@ <u>7.00</u>	<u>280.00</u>
MANIFOLD	@	
<u>Hum 40</u>	@ <u>4.00</u>	<u>160.00</u>
TOTAL <u>1565.00</u>		

PLUG & FLOAT EQUIPMENT		
	@	
	@	
	@	
	@	
	@	
TOTAL _____		

SALES TAX (If Any) _____
 TOTAL CHARGES 6,028.35
 DISCOUNT _____ IF PAID IN 30 DAYS

TIM PRIEST

Petroleum Geologist

(316)-213-6115

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY: **SHAKESPEARE OIL CO.**
 LEASE: **Shakaz #36**
 FIELD: **Widbeat**
 LOCATION: **21107 FNL, 21307 FWL**
 SEC: **36** TWP: **16S** R: **34W**
 COUNTY: **Scott** STATE: **Kansas**

CONTRACTOR: **HD #2**
 SPUD: **6-13-12** COMP: _____
 RTD: _____ LTD: _____
 MUD UP: **3700'** TYPE MUD: **Chemical**

SAMPLES SAVED FROM: **3800'** to **RTD**
 DRILLING TIME KEPT FROM: **3750'** to **RTD**
 SAMPLES EXAMINED FROM: **3800'** to **RTD**

GEOLOGICAL SUPERVISION FROM: **3950'** to **RTD**
 GEOLOGIST ON WELL: **Tim Priest**

FORMATION TOPS: _____
 ELECTRIC LOG: _____
 SAMPLE: _____

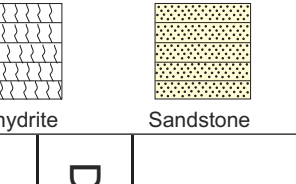
Anydrite
 Heebner Shale
 Lansing
 Stark
 B/K.C.
 Fort Scott
 Cherokee Shale
 Mississippian

ELEVATIONS
 KG: **3111'**
 DF: _____
 GL: **3101'**

Measurements Are All From **KB**

CASING
 CONDUCTION: **N/A**
 SURFACE: **8-5/8" @'**
 PRODUCTION: **4 1/2" @'**

ELECTRICAL SURVEYS
 CND/D/SP/PE
 Micro Sonic
 By: Weatherford



REMARKS

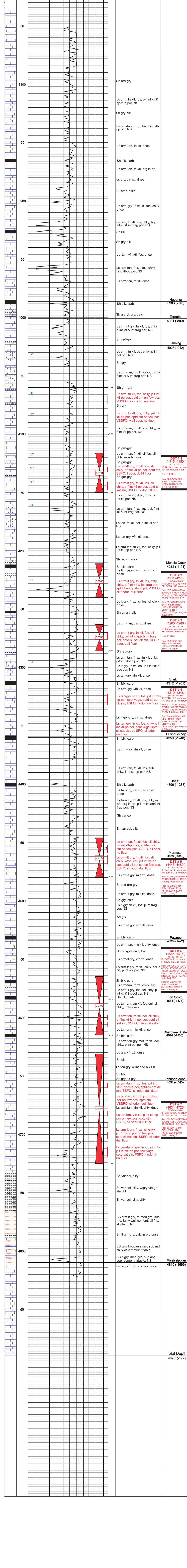
Respectfully Submitted,

API #15-171-20879-00-00

Tim Priest
 Petroleum Geologist

LEGEND

Anhydrite
 Sandstone
 Limestone
 Shale
 Carb Sh
 Cherty LS
 Chert
 Dolomite





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

36-16s-34w

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45904

DST#: 1

ATTN: Tim Priest

Test Start: 2012.06.18 @ 13:32:00

GENERAL INFORMATION:

Formation: **LKC " E - F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:39:10

Time Test Ended: 19:41:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 40

Interval: 4116.00 ft (KB) To 4150.00 ft (KB) (TVD)

Reference Elevations: 3109.00 ft (KB)

Total Depth: 4150.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8652 Inside

Press @ Run Depth: 58.15 psig @ 4119.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.18

End Date:

2012.06.18

Last Calib.: 2012.06.18

Start Time: 13:32:00

End Time:

19:41:24

Time On Btm: 2012.06.18 @ 15:37:25

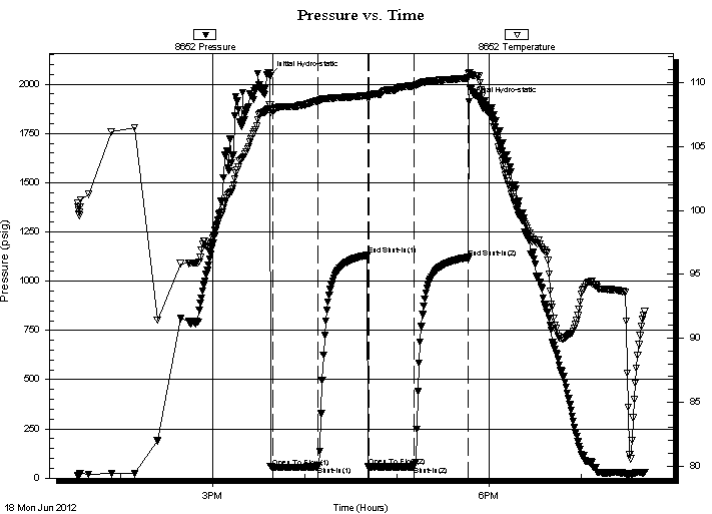
Time Off Btm: 2012.06.18 @ 17:46:55

TEST COMMENT: IF- Weak Surface Blow

IS- No Blow

FF- No Blow

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2041.95	108.28	Initial Hydro-static
2	56.38	107.77	Open To Flow (1)
32	57.70	108.59	Shut-In(1)
64	1131.50	109.00	End Shut-In(1)
65	57.85	108.82	Open To Flow (2)
94	58.15	109.74	Shut-In(2)
129	1120.63	110.35	End Shut-In(2)
130	1910.88	110.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc.

36-16s-34w

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45904

DST#: 1

ATTN: Tim Priest

Test Start: 2012.06.18 @ 13:32:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% mud	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:

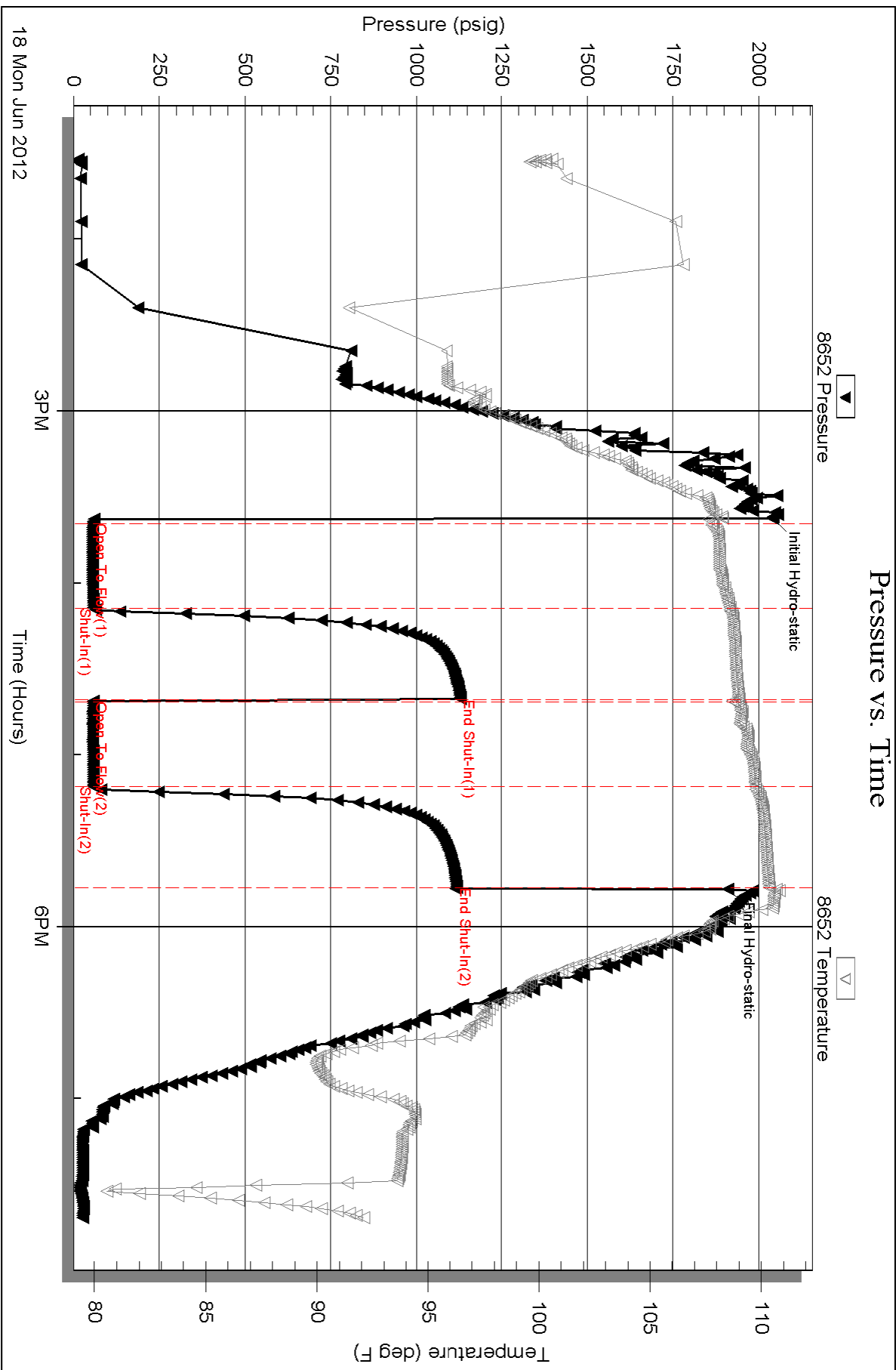
Serial #: 8652

Inside

Shakespeare Oil Co. Inc.

Janzen #1-36

DST Test Number: 1

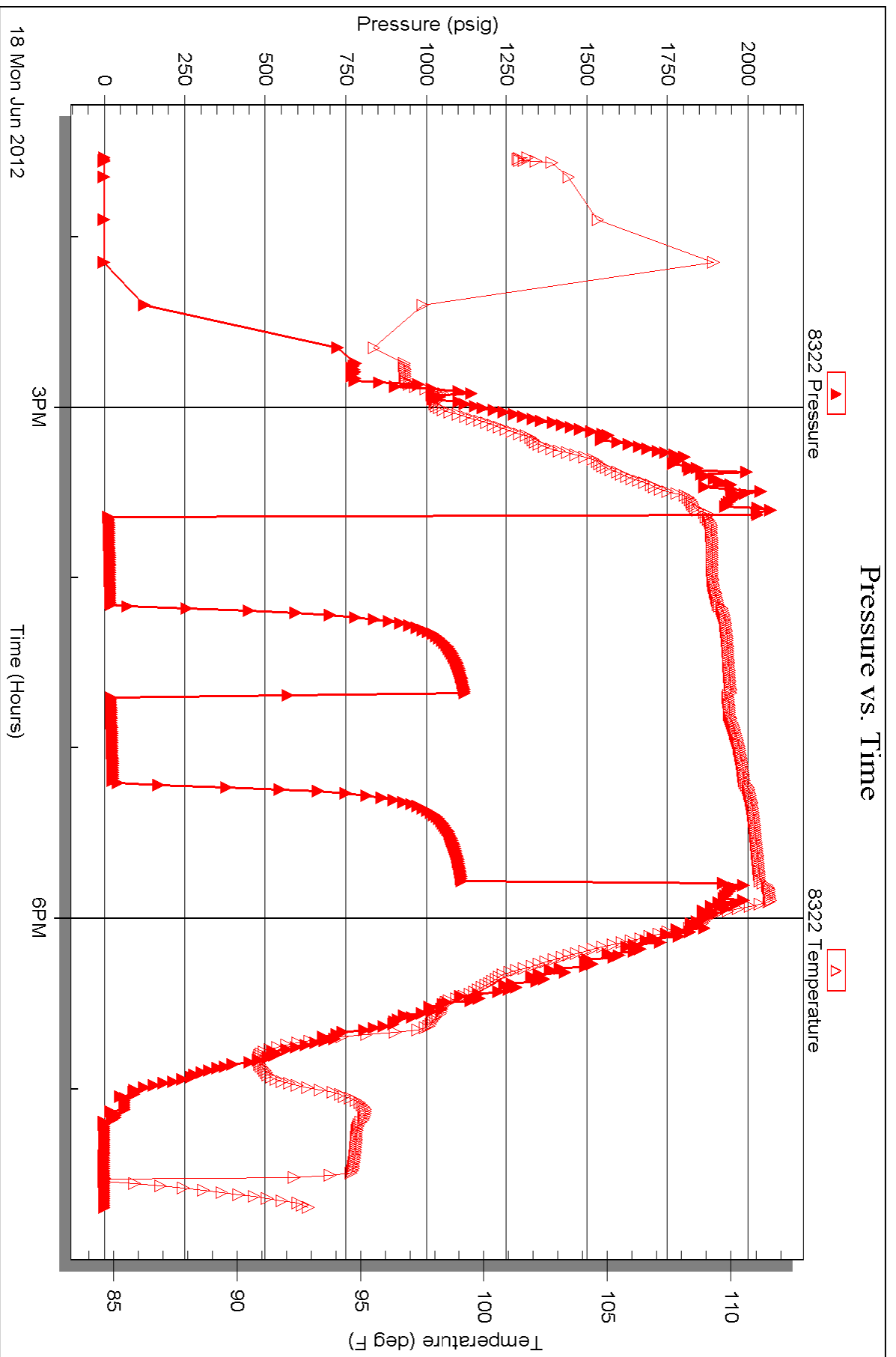


Serial #: 8322

Outside Shakespeare Oil Co. Inc.

Janzen #1-36

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 45904

Printed: 2012.06.19 @ 06:00:16



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45905

DST#: 2

ATTN: Tim Priest

Test Start: 2012.06.19 @ 08:32:00

GENERAL INFORMATION:

Formation: **LKC " H "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:44:40

Time Test Ended: 15:40:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4211.00 ft (KB) To 4240.00 ft (KB) (TVD)

Reference Elevations: 3109.00 ft (KB)

Total Depth: 4240.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8652

Inside

Press @ Run Depth: 310.20 psig @ 4212.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.19

End Date:

2012.06.19

Last Calib.:

2012.06.19

Start Time: 08:32:00

End Time:

15:40:09

Time On Btm:

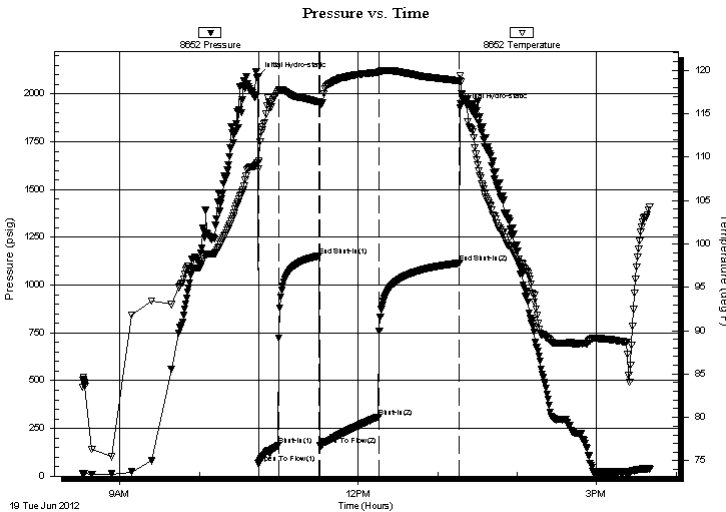
2012.06.19 @ 10:44:25

Time Off Btm:

2012.06.19 @ 13:16:39

TEST COMMENT: IF- Surface Blow Built to BOB in 10 1/4min
IS- No Blow
FF- Surface Blow Built to BOB in 12min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.64	109.38	Initial Hydro-static
1	65.19	108.67	Open To Flow (1)
16	160.01	117.51	Shut-In(1)
46	1152.52	116.40	End Shut-In(1)
47	159.90	116.11	Open To Flow (2)
91	310.20	119.73	Shut-In(2)
152	1115.68	118.81	End Shut-In(2)
153	1926.88	119.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
305.00	MCW 7%m 93%w	3.17
183.00	MCW 17%m 83%w	2.57
122.00	WCM 48%w 52%m	1.71

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45905

DST#: 2

ATTN: Tim Priest

Test Start: 2012.06.19 @ 08:32:00

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:

28000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
305.00	MCW 7%m 93%w	3.167
183.00	MCW 17%m 83%w	2.567
122.00	WCM 48%w 52%m	1.711

Total Length: 610.00 ft Total Volume: 7.445 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .164 @ 97f = 28000

Serial #: 8652

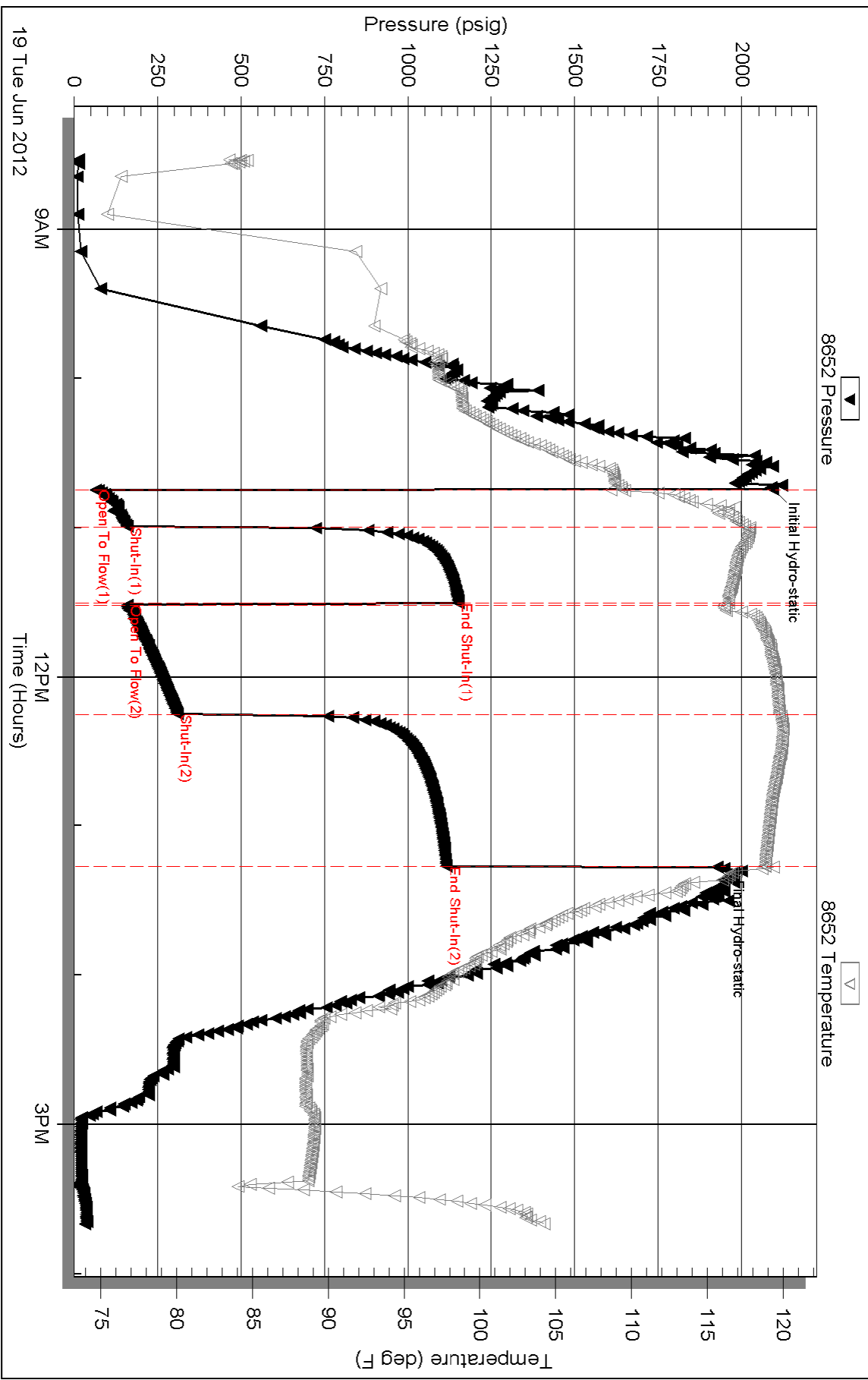
Inside

Shakespeare Oil Co. Inc.

Janzen #1-36

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 45905

Printed: 2012.06.19 @ 16:25:24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45906

DST#: 3

ATTN: Tim Priest

Test Start: 2012.06.20 @ 02:16:00

GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:34:55

Time Test Ended: 08:41:24

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4263.00 ft (KB) To 4286.00 ft (KB) (TVD)

Reference Elevations: 3109.00 ft (KB)

Total Depth: 4286.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8652 Inside

Press @ Run Depth: 57.48 psig @ 4264.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.20

End Date:

2012.06.20

Last Calib.:

2012.06.20

Start Time: 02:16:00

End Time:

08:41:24

Time On Btm:

2012.06.20 @ 04:28:40

Time Off Btm:

2012.06.20 @ 06:36:54

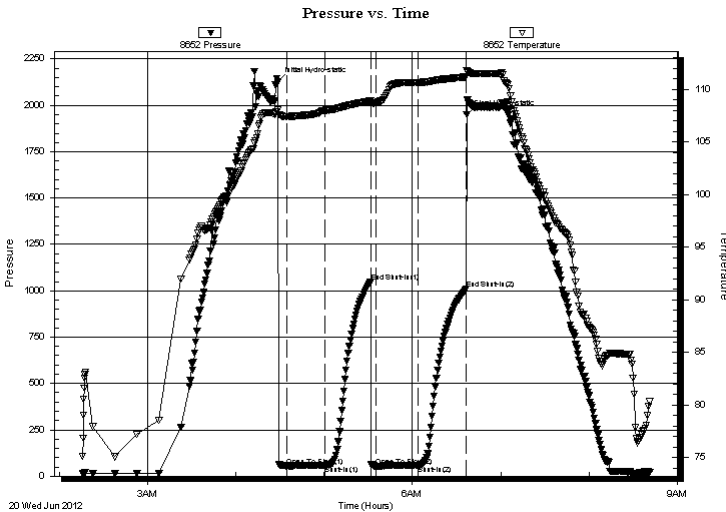
TEST COMMENT: IF- Weak Surface Blow

IS- No Blow

FF- No Blow

FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.59	108.03	Initial Hydro-static
7	55.06	107.42	Open To Flow (1)
32	57.32	107.99	Shut-In(1)
63	1047.23	108.90	End Shut-In(1)
67	53.10	108.72	Open To Flow (2)
95	57.48	110.65	Shut-In(2)
128	1008.48	111.18	End Shut-In(2)
129	1949.18	111.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% m with Skim of Oil on Top	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45906

DST#: 3

ATTN: Tim Priest

Test Start: 2012.06.20 @ 02:16:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% m with Skim of Oil on Top	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

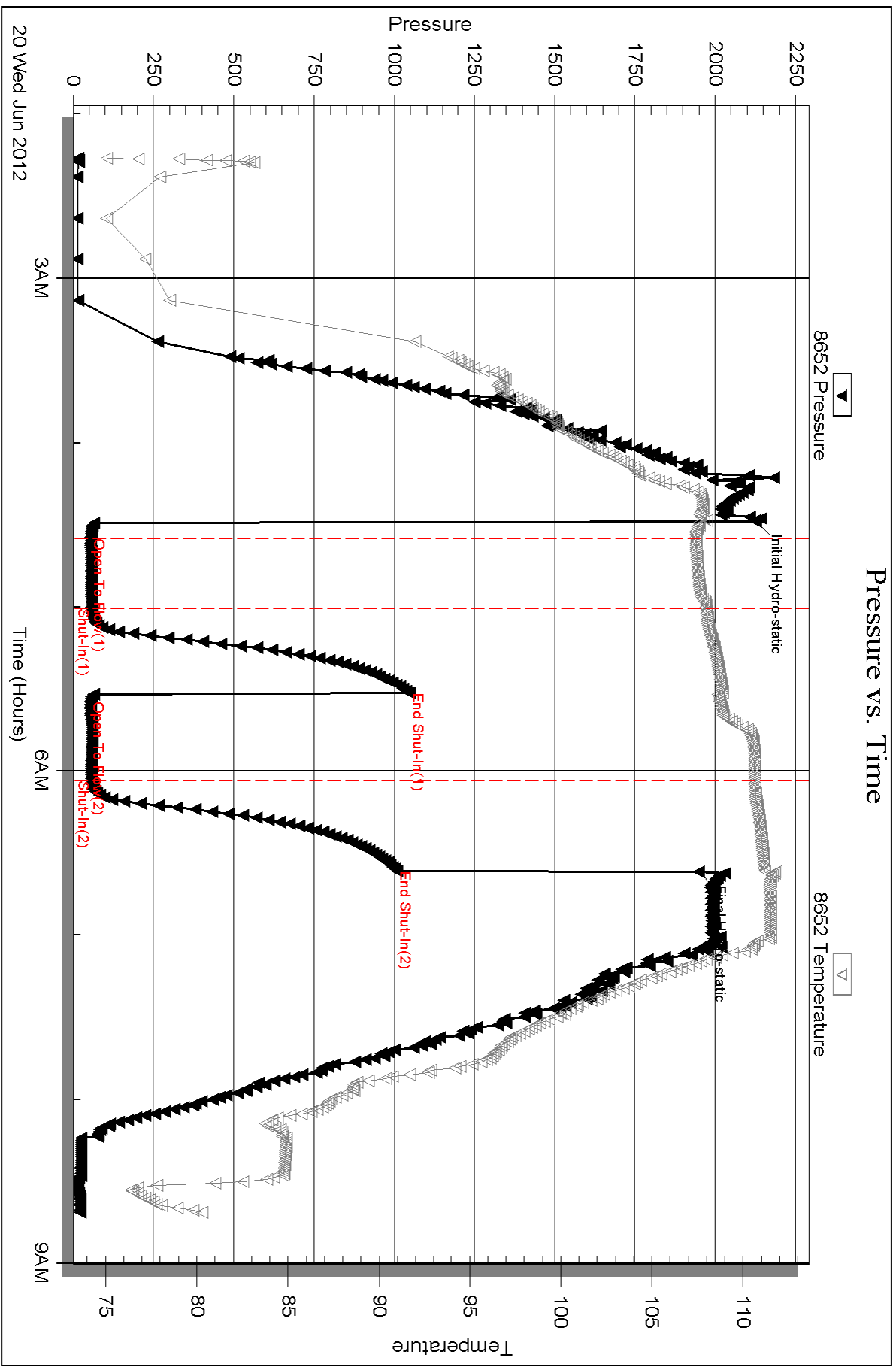
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45907

DST#: 4

ATTN: Tim Priest

Test Start: 2012.06.20 @ 19:36:00

GENERAL INFORMATION:

Formation: **LKC " K "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:19:10

Time Test Ended: 02:51:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4310.00 ft (KB) To 4346.00 ft (KB) (TVD)

Reference Elevations: 3109.00 ft (KB)

Total Depth: 4150.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8652

Inside

Press @ Run Depth: 236.66 psig @ 4311.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.20

End Date:

2012.06.21

Last Calib.:

2012.06.21

Start Time: 19:36:00

End Time:

02:51:09

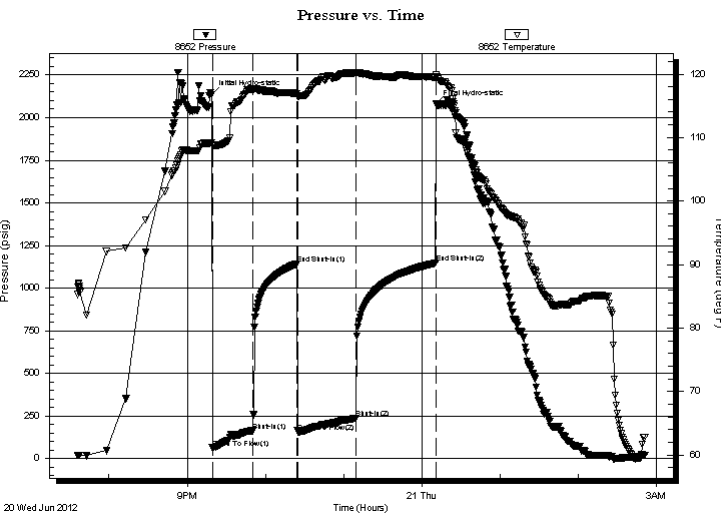
Time On Btm:

2012.06.20 @ 21:18:40

Time Off Btm:

2012.06.21 @ 00:10:54

TEST COMMENT: IF- Surface Blow Built to BOB in 21 1/2min
IS- No Blow
FF- Surface Blow Built to BOB in 43 1/4min
FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2134.90	109.20	Initial Hydro-static
1	64.19	108.72	Open To Flow (1)
32	163.33	117.66	Shut-In(1)
66	1142.76	116.93	End Shut-In(1)
67	158.07	116.40	Open To Flow (2)
111	236.66	120.15	Shut-In(2)
172	1146.75	119.48	End Shut-In(2)
173	2079.55	119.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	MCW 8%w 92%w	0.60
183.00	MCW 24%w 76%w	2.57
111.00	WCM 20%w 80%w	1.56

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45907

DST#: 4

ATTN: Tim Priest

Test Start: 2012.06.20 @ 19:36:00

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:

52000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
122.00	MCW 8%m 92%w	0.600
183.00	MCW 24%m 76%w	2.567
111.00	WCM 20%w 80%m	1.557

Total Length: 416.00 ft Total Volume: 4.724 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .162 @ 61f = 52000

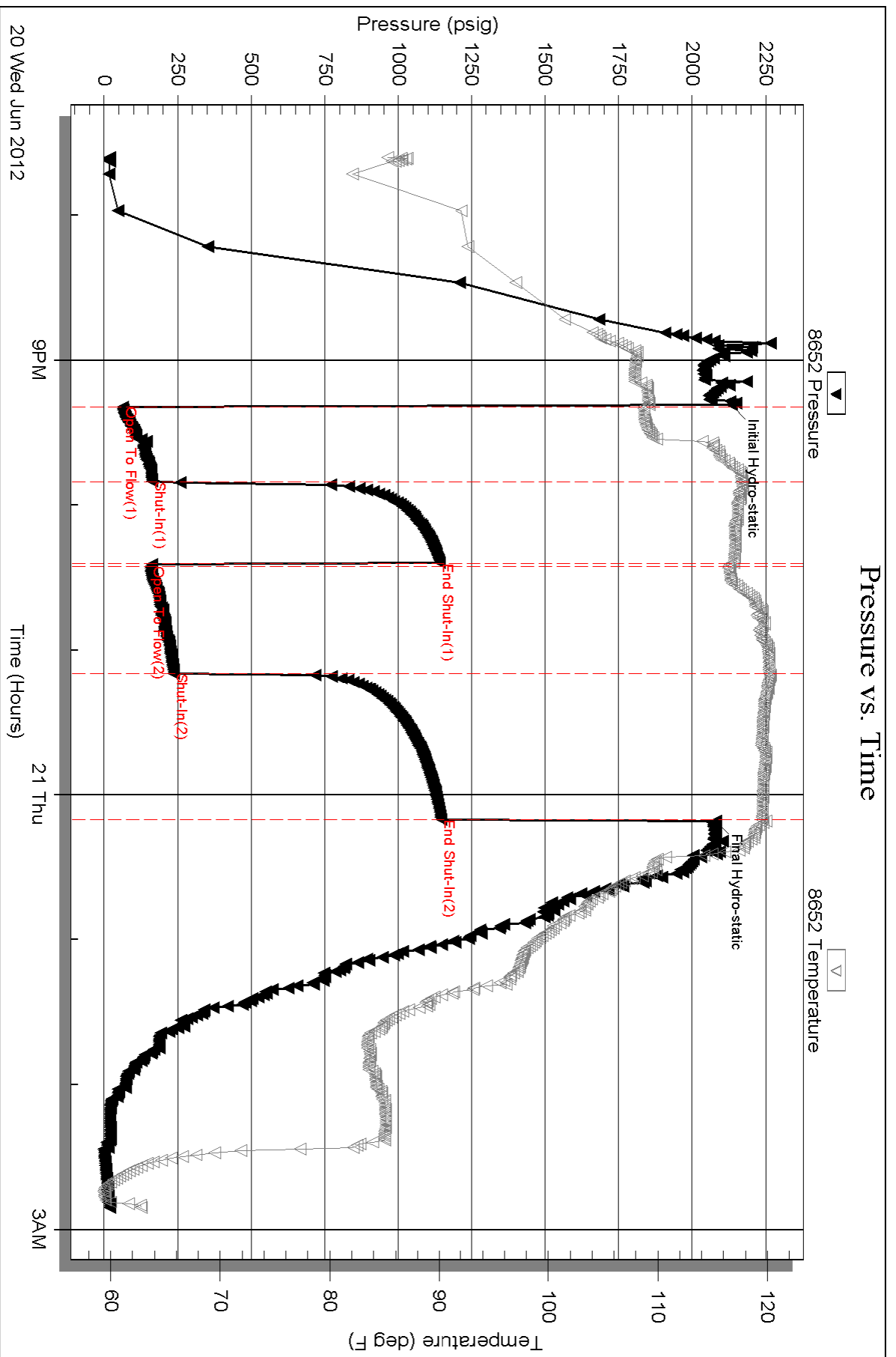
Serial #: 8652

Inside

Shakespeare Oil Co. Inc.

Janzen #1-36

DST Test Number: 4





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45908

DST#: 5

ATTN: Tim Priest

Test Start: 2012.06.21 @ 17:42:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:21:55

Time Test Ended: 00:48:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4446.00 ft (KB) To 4480.00 ft (KB) (TVD)

Reference Elevations: 3109.00 ft (KB)

Total Depth: 4480.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8360 Inside

Press @ Run Depth: 36.55 psig @ 4448.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.21

End Date:

2012.06.22

Last Calib.:

2012.06.22

Start Time: 17:42:00

End Time:

00:48:39

Time On Btm:

2012.06.21 @ 19:21:40

Time Off Btm:

2012.06.21 @ 22:13:09

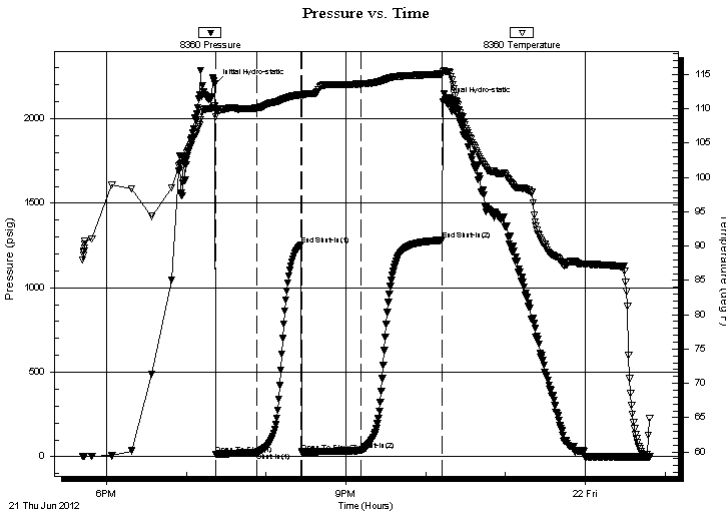
TEST COMMENT: IF- Weak Surface Blow Built to 1 1/4"

IS- No Blow

FF- Weak Surface Blow Built to 2"

FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2205.45	110.39	Initial Hydro-static
1	13.23	108.86	Open To Flow (1)
32	23.70	110.10	Shut-In(1)
65	1254.78	112.07	End Shut-In(1)
66	24.82	112.03	Open To Flow (2)
110	36.55	113.60	Shut-In(2)
171	1281.61	115.06	End Shut-In(2)
172	2099.64	115.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GOCM 12%g 18%oil 70%m	0.10
40.00	GO 9%g 91%oil	0.20

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45908

DST#: 5

ATTN: Tim Priest

Test Start: 2012.06.21 @ 17:42:00

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:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	GOCM 12%g 18%oil 70%m	0.098
40.00	GO 9%g 91%oil	0.197

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is 34 @ 70f = 33

Serial #: 8360

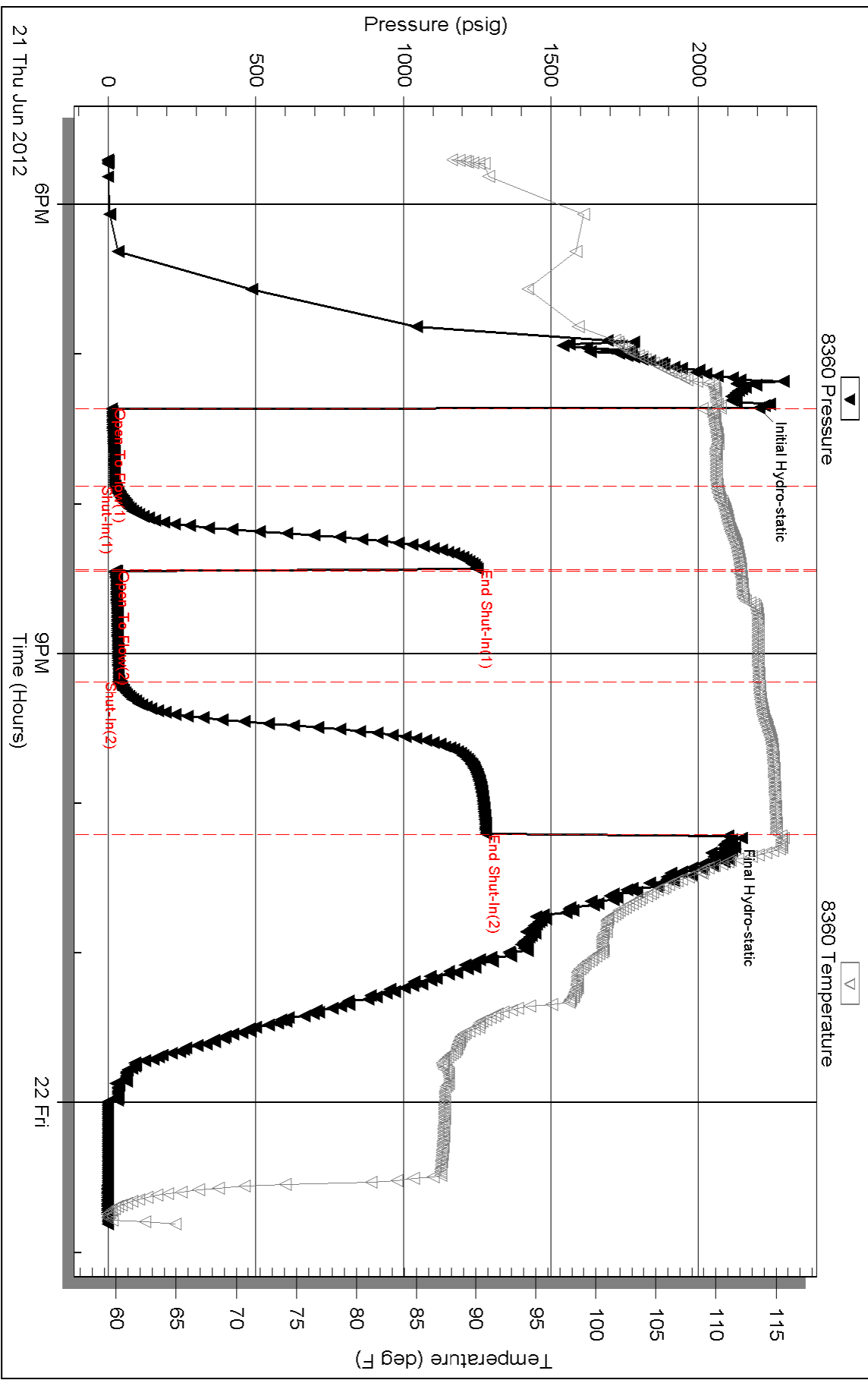
Inside

Shakespeare Oil Co. Inc.

Janzen #1-36

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 45908

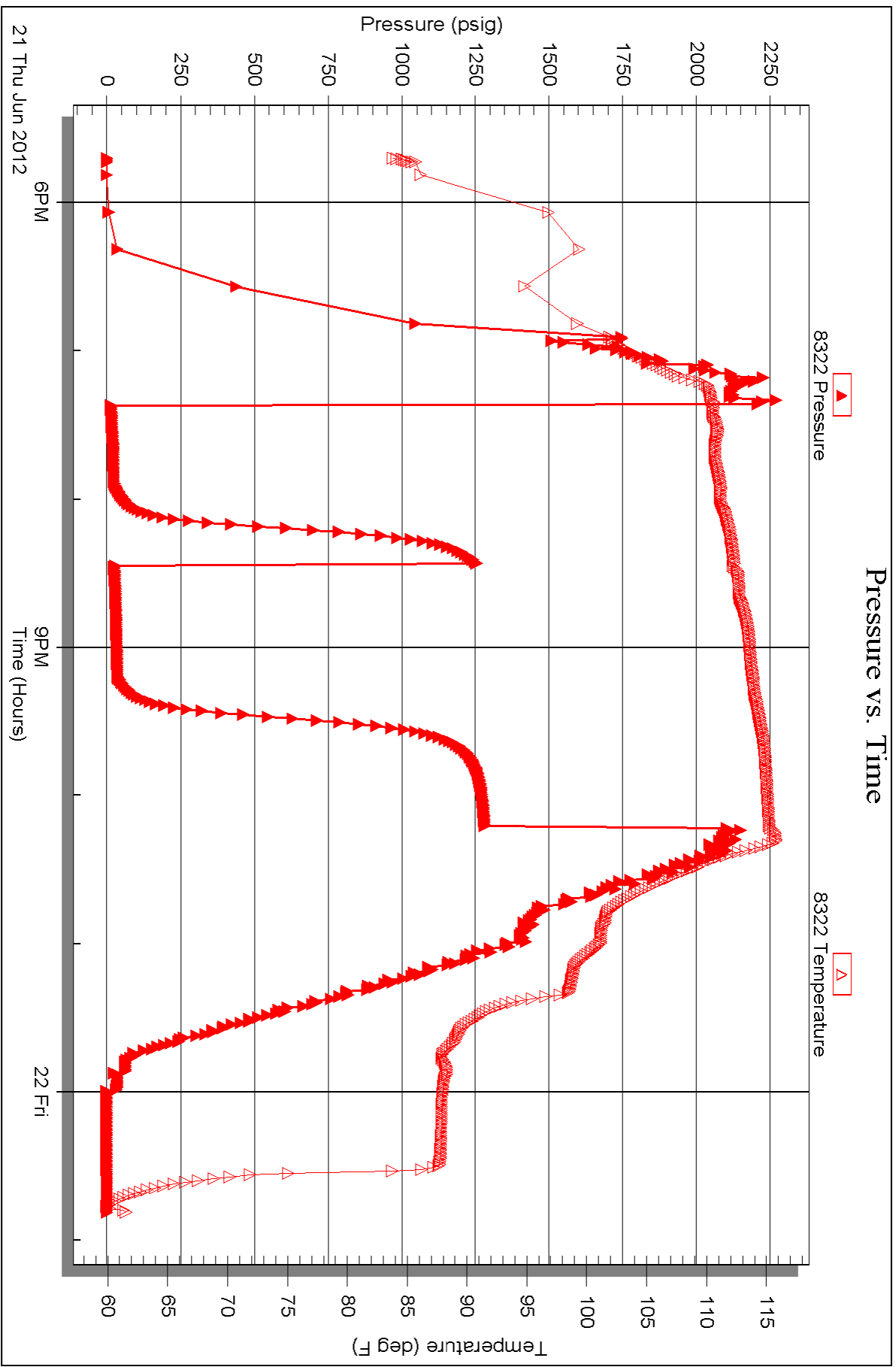
Printed: 2012.06.22 @ 06:24:44

Serial #: 8322

Outside Shakespeare Oil Co. Inc.

Janzen #1-36

DST Test Number: 5





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45909

DST#: 6

ATTN: Tim Priest

Test Start: 2012.06.23 @ 07:44:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:23:55

Time Test Ended: 14:50:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4565.00 ft (KB) To 4615.00 ft (KB) (TVD)

Total Depth: 4615.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3109.00 ft (KB)

3101.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8360

Press @ Run Depth: 71.52 psig @ ft (KB)

Start Date: 2012.06.23

End Date: 2012.06.23

Start Time: 07:44:00

End Time: 14:50:39

Capacity: 8000.00 psig

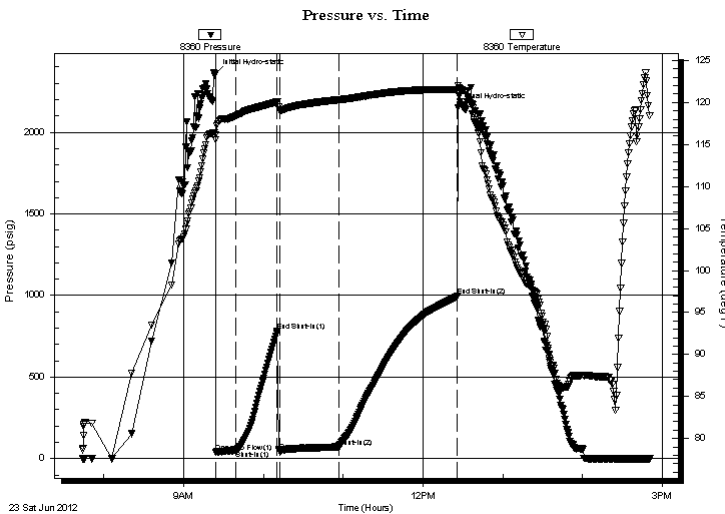
Last Calib.: 2012.06.23

Time On Btm: 2012.06.23 @ 09:23:40

Time Off Btm: 2012.06.23 @ 12:26:24

TEST COMMENT: IF- Strong Surface Blow Built to BOB in 4 3/4min
IS- No Blow
FF- Strong Surface Blow Built to BOB in 2min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2361.46	116.44	Initial Hydro-static
1	37.76	115.59	Open To Flow (1)
16	53.54	118.44	Shut-In(1)
47	778.97	120.08	End Shut-In(1)
49	46.39	119.15	Open To Flow (2)
93	71.52	120.32	Shut-In(2)
183	994.66	121.55	End Shut-In(2)
183	2151.76	122.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	MOCG 15%g 24%oil 61%g	0.30
61.00	GOCM 16%g 26%oil 58%g	0.30
15.00	GOCM 3%g 44%oil 53%g	0.21
30.00	GO 11%g 89%oil	0.42
0.00	975' of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45909

DST#: 6

ATTN: Tim Priest

Test Start: 2012.06.23 @ 07:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
61.00	MOCG 15%m 24%oil 61%g	0.300
61.00	GOCM 16%g 26%oil 58%m	0.300
15.00	GOCM 3%g 44%oil 53%m	0.210
30.00	GO 11%g 89%oil	0.421
0.00	975' of GIP	0.000

Total Length: 167.00 ft Total Volume: 1.231 bbl

Num Fluid Samples: 0

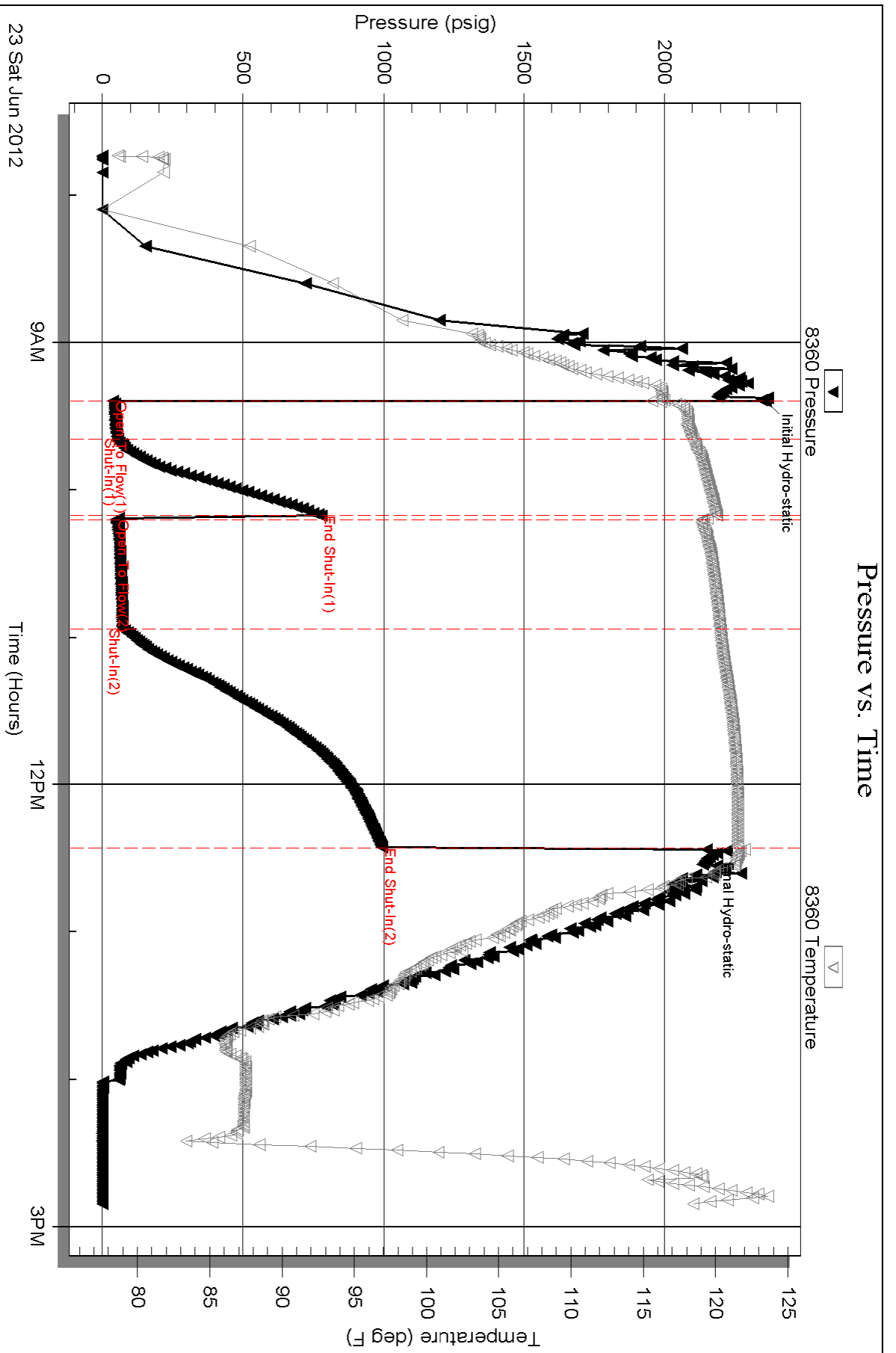
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is 40 @ 110f = 35

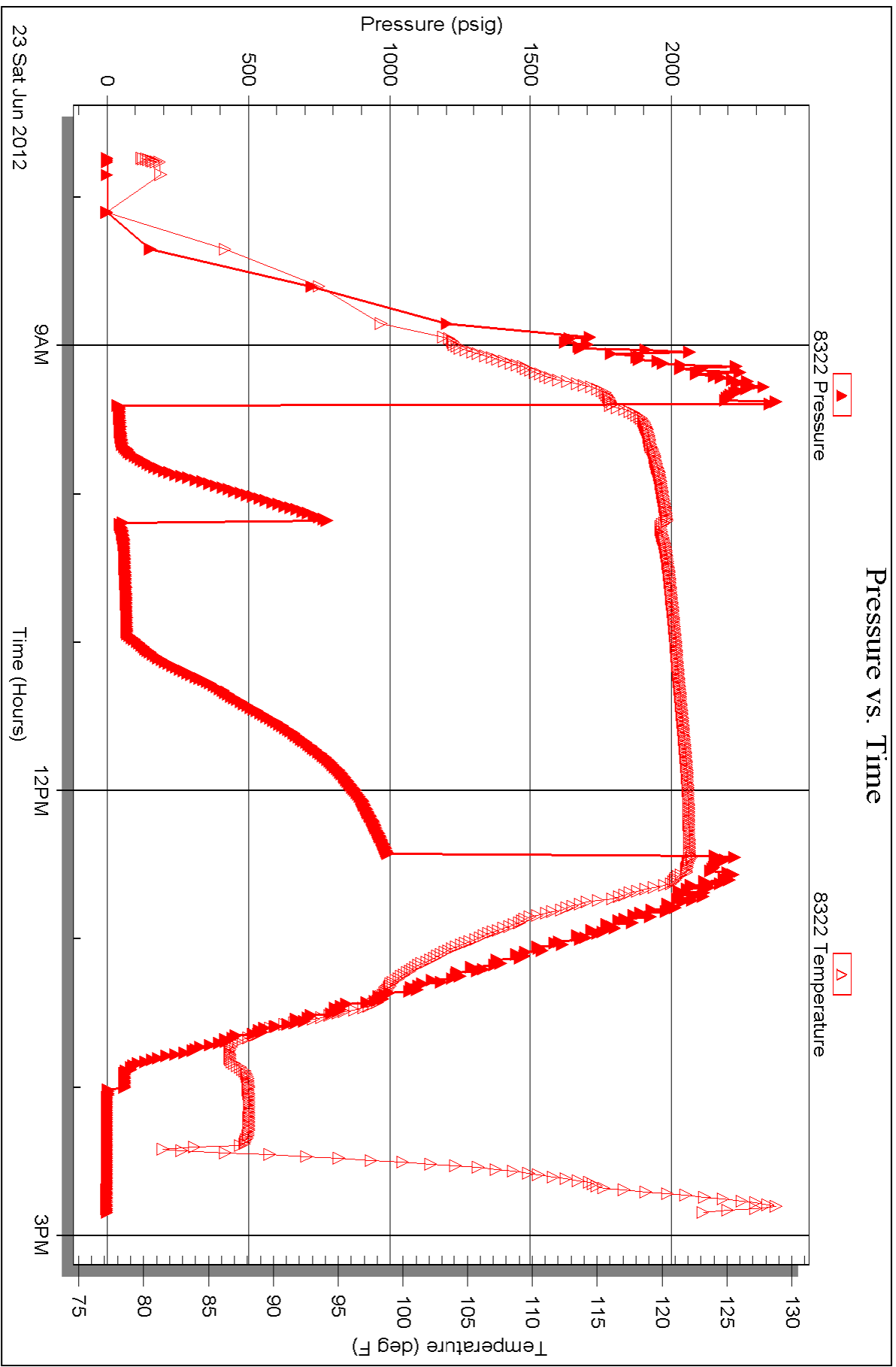


Serial #: 8322

Outside Shakespeare Oil Co. Inc.

Janzen #1-36

DST Test Number: 6





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45910

DST#: 7

ATTN: Tim Priest

Test Start: 2012.06.24 @ 08:38:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:20:40

Time Test Ended: 16:10:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4631.00 ft (KB) To 4725.00 ft (KB) (TVD)

Reference Elevations: 3109.00 ft (KB)

Total Depth: 4725.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8360

Press @ Run Depth: 84.73 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.24

End Date:

2012.06.24

Last Calib.:

2012.06.24

Start Time: 08:38:00

End Time:

16:10:39

Time On Btm:

2012.06.24 @ 10:20:10

Time Off Btm:

2012.06.24 @ 13:39:24

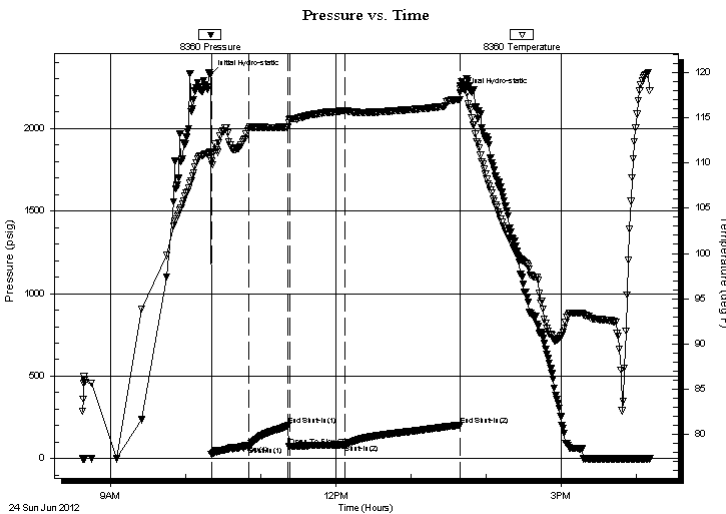
TEST COMMENT: IF- Surface Blow Built to 3 1/4"

IS- No Blow

FF- Weak Surface Blow Built to 1"

FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2326.02	111.15	Initial Hydro-static
1	25.92	110.19	Open To Flow (1)
31	72.80	113.79	Shut-In(1)
62	200.59	113.96	End Shut-In(1)
63	75.04	114.76	Open To Flow (2)
108	84.73	115.78	Shut-In(2)
199	202.95	116.97	End Shut-In(2)
200	2219.29	118.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	OGCM 3%oil 9%g 88%m	0.60
30.00	GOCM 4%g 4%oil 92%m	0.42

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc.

36-16s-34w Scott Co. KS

202 W Main St.
Salem IL 62881

Janzen #1-36

Job Ticket: 45910

DST#: 7

ATTN: Tim Priest

Test Start: 2012.06.24 @ 08:38:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	OGCM 3%oil 9%g 88%m	0.600
30.00	GOCM 4%g 4%oil 92%m	0.421

Total Length: 152.00 ft

Total Volume: 1.021 bbl

Num Fluid Samples: 0

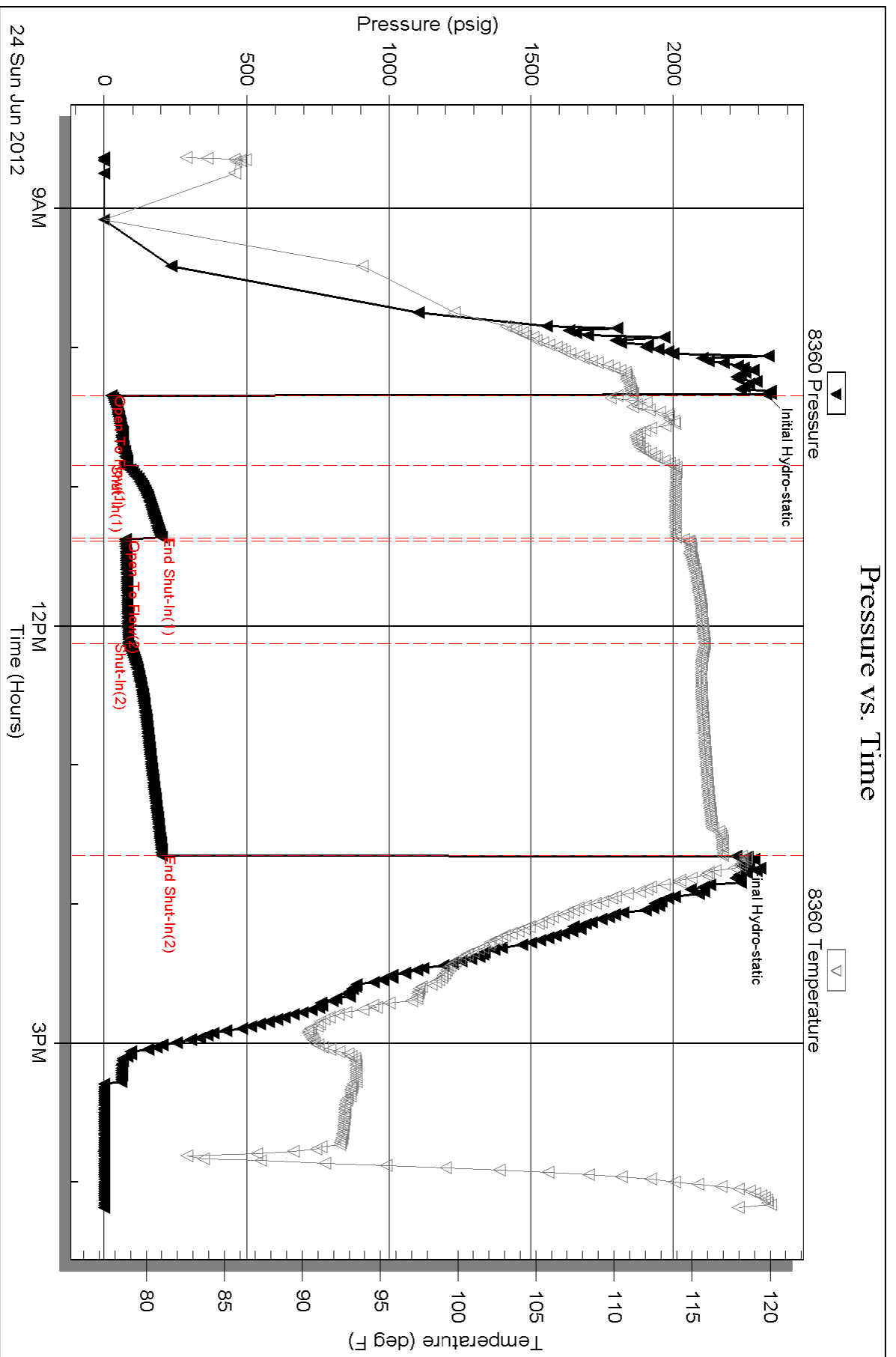
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

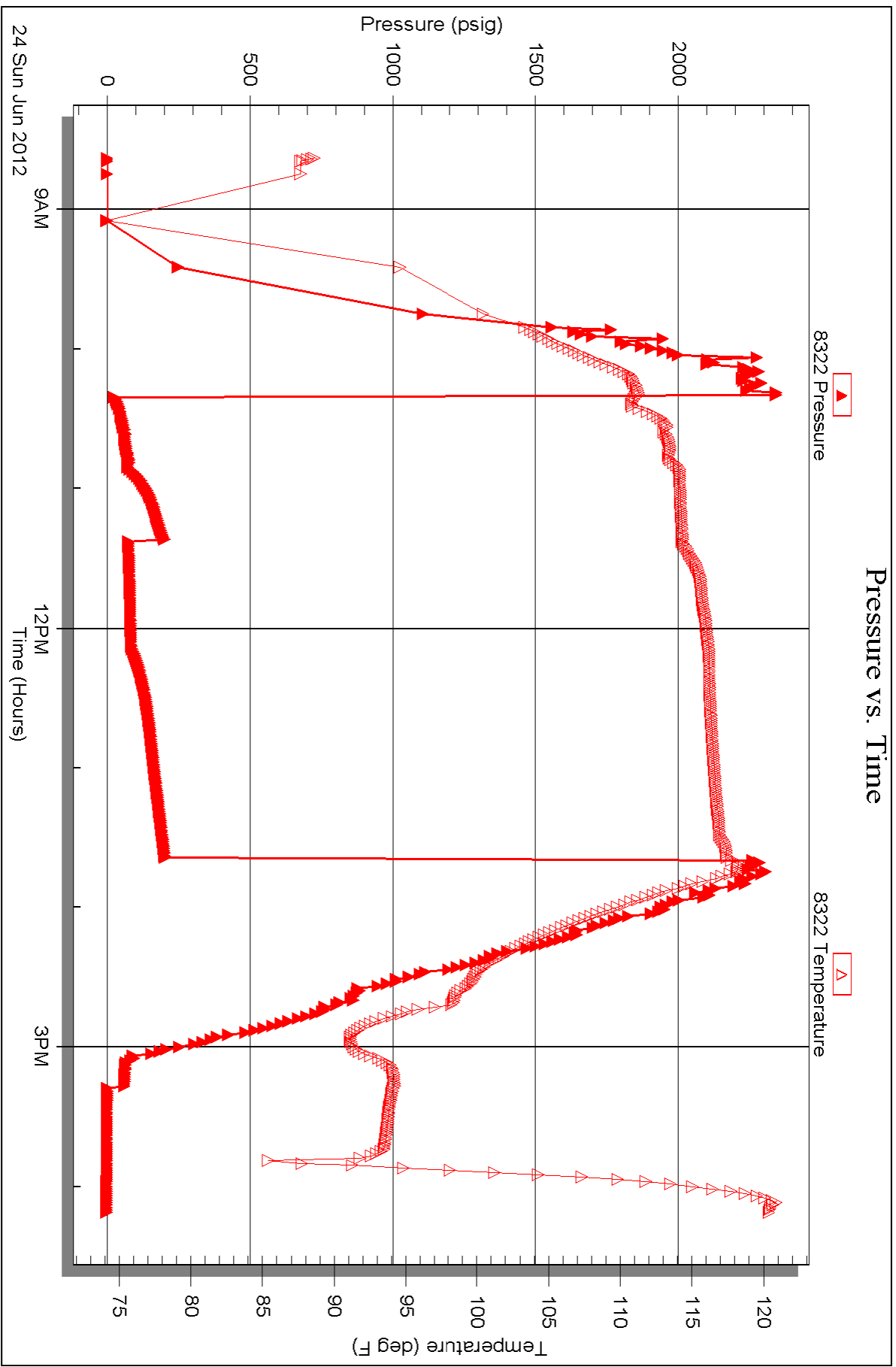


Serial #: 8322

Outside Shakespeare Oil Co. Inc.

Janzen #1-36

DST Test Number: 7



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 14, 2012

Don Williams
Shakespeare Oil Co., Inc.
202 W MAIN ST
SALEM, IL 62881-1519

Re: ACO1
API 15-171-20879-00-00
Janzen 1-36
NW/4 Sec.36-16S-34W
Scott County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Don Williams