



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1099946
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: _____



1099946

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	Parsons 2-27
Doc ID	1099946

All Electric Logs Run

Array Induction
Photo Density
Comp Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Parsons 2-27
Doc ID	1099946

Tops

Name	Top	Datum
Base Anhydrite	2350	+498
Heebner	3856	-1008
Lansing	3900	-1052
Muncie Creek	4052	-1204
Stark Shale	4140	-1292
Hushpuckney	4176	-1328
Cherokee Shale	4430	-1582
Johnson	4478	-1630
Mississippian	4540	-1692



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 132805
Invoice Date: Sep 17, 2012
Page: 1



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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Shak	Parsons #2-27	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Sep 17, 2012	10/17/12

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	17.90	2,953.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
178.42	SER	Cubic Feet	2.48	442.48
179.13	SER	Ton Mileage	2.60	465.75
1.00	SER	Surface	1,512.25	1,512.25
22.00	SER	Pump Truck Mileage	7.70	169.40
1.00	SER	Manifold Rental	275.00	275.00
22.00	SER	Light Vehicle Mileage	4.40	96.80
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	D J Gray		

INT

10502-5



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

\$ 1719.78

ONLY IF PAID ON OR BEFORE
Oct 12, 2012

Subtotal	6,369.38
Sales Tax	274.32
Total Invoice Amount	6,643.70
Payment/Credit Applied	
TOTAL	6,643.70

DW

ALLIED OIL & GAS SERVICES, LLC 058770

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT

Oakley, KS

DATE <i>9/17/12</i>	SEC. <i>2213</i>	TRIP <i>31</i>	RANGE	CALLED OUT	ON LOCATION	JOB START <i>10:00</i>	JOB FINISH <i>12:30</i>
LEASE <i>Parsons</i>	WELL # <i>2-27</i>	LOCATION <i>Oakley, 1/5 SE 55 E-4 N</i>				COUNTY <i>Cherokee</i>	STATE <i>KS</i>
OLD OR NEW (Circle one)							

CONTRACTOR *H/O*

TYPE OF JOB *Surf Case*

HOLE SIZE *12 1/4* T.D. *225'*

CASING SIZE *8 7/8* DEPTH *225'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER *S...*

CEMENT AMOUNT ORDERED *165 Com 372cc 2070 Ciel*

COMMON	<i>165</i>	@ <i>17.90</i>	<i>2953.50</i>
POZMIX		@	
OIL	<i>3</i>	@ <i>23.40</i>	<i>70.20</i>
CHLORIDE	<i>10</i>	@ <i>64.00</i>	<i>640.00</i>
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER *Alan Ryan 1*

Y *922* HELPER *Wayne Medley*

BULK TRUCK

Y *347* DRIVER *AJ Gray 3*

BULK TRUCK

Y DRIVER

HANDLING *178.42 CF* @ *2.40* *442.18*

MILEAGE *200* @ *8.14* *1628.00*

TOTAL *935.92*

REMARKS: *Am Coy, Circulate, Mix Cement,*

Displace Cement

Cement Red Circulate

Thank You
Ally, Wayne, DJ

CHARGE TO *Shakespeare*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB *225'*

PUMP TRUCK CHARGE *1512.25*

EXTRA FOOTAGE @

MILEAGE *22* @ *7.24* *169.40*

MANIFOLD @ *225.00*

Lite Vehicle *82* @ *4.00* *328.00*

TOTAL *2053.45*

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

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 *Doug Roberts*

SIGNATURE *Doug Roberts*

TOTAL

SALES TAX (if Any) *374.31*

TOTAL CHARGES *6,369.38*

DISCOUNT *1219.28* IF PAID IN 30 DAYS

27%

PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 132880
Invoice Date: Sep 29, 2012
Page: 1



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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Shak	Parsons #2-27	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Sep 29, 2012	10/29/12

Quantity	Item	Description	Unit Price	Amount
4.00	MAT	Gel	23.40	93.60
225.00	MAT	ASC	20.90	4,702.50
1,125.00	MAT	Gilsonite	0.98	1,102.50
159.00	MAT	CD-31	10.30	1,637.70
21.00	MAT	Salt	26.35	553.35
12.00	MAT	Super Flush	58.70	704.40
290.08	SER	Cubic Feet	2.48	719.40
276.98	SER	Ton Mileage	2.60	720.15
1.00	SER	Production Casing	2,765.75	2,765.75
22.00	SER	Pump Truck Mileage	7.70	169.40
1.00	SER	Manifold Head Rental	275.00	275.00
22.00	SER	Light Vehicle Mileage	4.40	96.80
1.00	SER	Rotating Head -- No Charge		
1.00	CEMENTER	Darren Racette		
1.00	EQUIP OPER	Tyler Flipse		
1.00	OPER ASSIST	Brandon Wilkinson		

INT

Production Cement
10502-5



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

\$ 2911.21

ONLY IF PAID ON OR BEFORE
Oct 24, 2012

Subtotal	13,540.55
Sales Tax	707.92
Total Invoice Amount	14,248.47
Payment/Credit Applied	
TOTAL	14,248.47

DW

ALLIED OIL & GAS SERVICES, LLC 056699

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley

DATE <u>9-29-12</u>	SEC. <u>27</u>	TYP. <u>1/3</u>	RANGE <u>31</u>	CALLED OUT <u>---</u>	ON LOCATION	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:30 PM</u>
LEASE <u>Parsons</u>	WELL # <u>2-27</u>	LOCATION <u>Oakley</u>	<u>115-SE-55-E+X into</u>		COUNTY <u>Gove</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR HD #2 OWNER Same

TYPE OF JOB Production

HOLE SIZE 2 7/8 T.D. 4629

CASING SIZE 5 1/2 DEPTH 4680.40

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port Collar DEPTH 2309.32

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 43.30

CEMENT LEFT IN CSG. 43.30

PERFS.

DISPLACEMENT 109.17

EQUIPMENT

CEMENT

AMOUNT ORDERED 225 SKS ASC 10% Salt

2% Gel 5" Gilsomite 3/4 of 1% CD31

12 bbl Super flush

COMMON	⊙		
POZMIX	⊙		
GBL	⊙	<u>4 SKS @ \$23.40</u>	<u>\$ 93.60</u>
CHLORIDE	⊙		
ASC	⊙	<u>225 SKS @ \$20.90</u>	<u>\$4702.50</u>
Gilsomite	⊙	<u>1125 # @ .28</u>	<u>\$ 315.00</u>
CD-31	⊙	<u>159 # @ \$10.32</u>	<u>\$1637.28</u>
Salt	⊙	<u>21 SKS @ \$26.35</u>	<u>\$ 553.35</u>
Super flush	⊙	<u>12 bbl @ \$58.25</u>	<u>\$ 704.30</u>
HANDLING	⊙	<u>290.08 @ \$2.46</u>	<u>\$ 719.40</u>
MILBOB	⊙	<u>12.59 @ \$2.50</u>	<u>\$ 31.48</u>
TOTAL			<u>\$10233.60</u>

PUMP TRUCK CEMENTER Darren Rocette

423-281 HELPER Tyler Flipse

BULK TRUCK

347 DRIVER Brandon W. Kison

BULK TRUCK

DRIVER

REMARKS:
Pump Super flush mix 325 SKS cement to plug
Port Hole mix 195 SKS cement down casing
Washup Displace with water Lift
Load plug

Thank You.

CHARGE TO: Snake spere

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE \$ 2765.25

EXTRA FOOTAOB ⊙ _____

MILBOB 22 ⊙ \$ 7.22 \$ 169.20

MANIFOLD Head ⊙ \$ 275.00

Lv mileage ⊙ \$ 4.42 \$ 96.80

Rotating Head ⊙ N/C N/C

TOTAL \$ 3306.25

PLUG & FLOAT EQUIPMENT

_____ ⊙ _____

_____ ⊙ _____

_____ ⊙ _____

_____ ⊙ _____

_____ ⊙ _____

TOTAL _____

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 Doug Roberts

SIGNATURE Doug Roberts
Lead Job

SALES TAX (If Any) 707.92

TOTAL CHARGES 13,540.55

DISCOUNT 2911.21 IF PAID IN 30 DAYS

21.570



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 132970
Invoice Date: Oct 4, 2012
Page: 1



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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Shak	Parsons #2-27	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-04	Oakley	Oct 4, 2012	11/3/12

Quantity	Item	Description	Unit Price	Amount
325.00	MAT	Class A Common	17.90	5,817.50
175.00	MAT	Pozmix	9.35	1,636.25
35.00	MAT	Gel	23.40	819.00
125.00	MAT	Flo Seal	2.97	371.25
10.00	MAT	Cottonseed Hulls	35.00	350.00
576.33	SER	Cubic Feet	2.48	1,429.30
529.10	SER	Ton Mileage	2.60	1,375.66
1.00	SER	Port Collar	2,443.75	2,443.75
22.00	SER	Pump Truck Mileage	7.70	169.40
22.00	SER	Light Vehicle Mileage	4.40	96.80
1.00	CEMENTER	Darren Racette		
1.00	EQUIP OPER	Tyler Flipse		
1.00	OPER ASSIST	David Scariano		

INT

Port Collar Cement
10502-5



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

\$ 3046.87

ONLY IF PAID ON OR BEFORE
Oct 29, 2012

Subtotal	14,508.91
Sales Tax	724.02
Total Invoice Amount	15,232.93
Payment/Credit Applied	
TOTAL	15,232.93

DW

ALLIED OIL & GAS SERVICES, LLC 058928

Federal Tax I.D.# 20-5976804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Okley

DATE <u>10-4-12</u>	SEC. <u>27</u>	TWP. <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 AM</u>	JOB FINISH <u>2:30 PM</u>
LEASE <u>Parsons</u>	WELL # <u>2-27</u>	LOCATION <u>Okley, 11 S-SE-55-EVN into</u>			COUNTY <u>Gove</u>	STATE <u>Ks.</u>	

CONTRACTOR Wild West
 TYPE OF JOB Port Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE _____ DEPTH _____
 TUBING SIZE 2 7/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 2309
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOUL JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 8.0 bbl
 EQUIPMENT _____

OWNER Same
 CEMENT AMOUNT ORDERED 500 sks 65% 8% Gel
1/4" flo seal
1000# Halls.

COMMON	<u>325 sks</u>	@ <u>\$17.90</u>	<u>\$5817.50</u>
POZMIX	<u>175 sks</u>	@ <u>\$9.35</u>	<u>\$1636.25</u>
GBL	<u>35 sks</u>	@ <u>\$23.42</u>	<u>\$819.20</u>
CHLORIDE		@	
ASC		@	
<u>Flo seal</u>	<u>125#</u>	@ <u>\$2.92</u>	<u>\$371.25</u>
<u>Halls</u>	<u>10 sks</u>	@ <u>\$35.00</u>	<u>\$350.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>576.37 CF x</u>	@ <u>2.48</u>	<u>\$1429.20</u>
MILEAGE	<u>2405 x 22 x</u>	@ <u>\$8.60</u>	<u>\$20750.00</u>
			<u>529.10</u>
			<u>TOTAL \$11798.94</u>

PUMP TRUCK CEMENTER Drew Riedel 1
 1423-281 HELPER Tyler Flipse 2
 BULK TRUCK DRIVER David Sarciano 3
 1540-287 DRIVER _____
 BULK TRUCK DRIVER _____

REMARKS:

Pressure 1500# oper port collar
mix 500 sks cement Cement Circulated
to surface 500# Halls 1000# LIF
Close port collar Pressure to 1500#
Reverse Clean

Thank You.

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

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>\$2443.75</u>
BXTRA FOOTAGE	@	
MILEAGE <u>22</u>	@ <u>\$7.70</u>	<u>\$169.40</u>
MANIFOLD	@	
<u>LV mileage</u>	@ <u>\$4.40</u>	<u>\$96.80</u>
	@	
		<u>TOTAL \$2709.95</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

SALES TAX (if Any) 724.01
 TOTAL CHARGES 14,508.91
 DISCOUNT 3046.87 IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE [Signature]

2120



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50143

DST#: 1

ATTN: Tim Priest

Test Start: 2012.09.22 @ 03:32:00

GENERAL INFORMATION:

Formation: **"B" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:24:00

Time Test Ended: 09:51:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Sam Esparza

Unit No: 64

Interval: 3918.00 ft (KB) To 3948.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 3948.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 61.58 psig @ 3919.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.22

End Date: 2012.09.22

Last Calib.: 2012.09.22

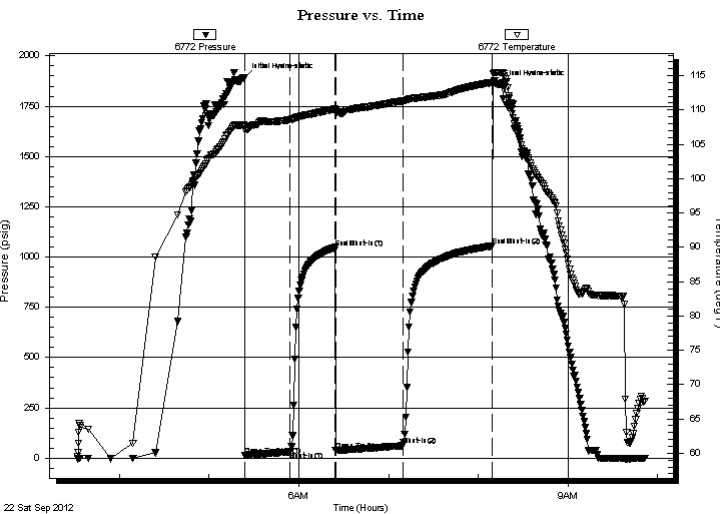
Start Time: 03:32:05

End Time: 09:51:44

Time On Btm: 2012.09.22 @ 05:23:45

Time Off Btm: 2012.09.22 @ 08:12:30

TEST COMMENT: IF: 2" blow.
IS: No return.
FF: 1" blow.
FS: No return.



PRESSURE SUMMARY

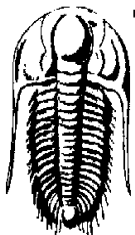
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.99	107.73	Initial Hydro-static
1	14.41	107.17	Open To Flow (1)
31	31.51	108.57	Shut-In(1)
61	1047.48	110.13	End Shut-In(1)
61	37.74	109.81	Open To Flow (2)
106	61.58	111.30	Shut-In(2)
166	1056.05	114.02	End Shut-In(2)
169	1857.58	115.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 40m 60w	0.30
20.00	WOCM 10w 30o 60m	0.10

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50143

DST#: 1

ATTN: Tim Priest

Test Start: 2012.09.22 @ 03:32:00

GENERAL INFORMATION:

Formation: **"B" Zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:24:00
 Time Test Ended: 09:51:45
 Interval: **3918.00 ft (KB) To 3948.00 ft (KB) (TVD)**
 Total Depth: 3948.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Sam Esparza
 Unit No: 64
 Reference Elevations: 2848.00 ft (KB)
 2838.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6669

Inside

Press@RunDepth: psig @ 3919.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.22

End Date: 2012.09.22

Last Calib.: 2012.09.22

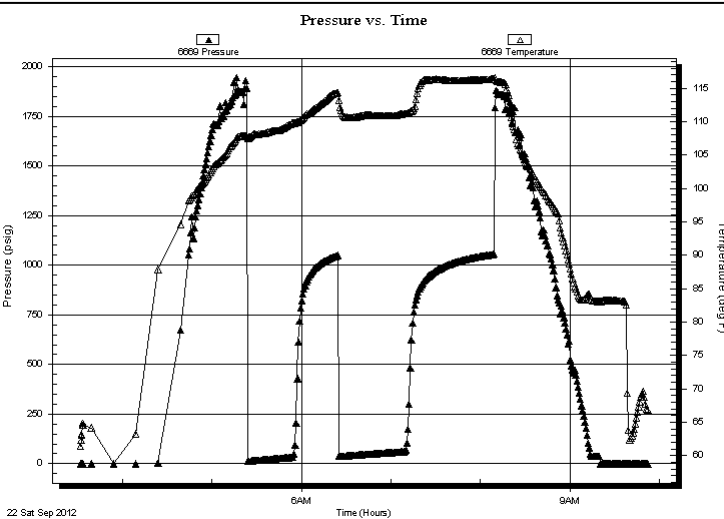
Start Time: 03:32:05

End Time: 09:51:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 2" blow .
 IS: No return.
 FF: 1" blow .
 FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 40m 60w	0.30
20.00	WOCM 10w 30o 60m	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50143

DST#: 1

ATTN: Tim Priest

Test Start: 2012.09.22 @ 03:32:00

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: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	MW 40m 60w	0.295
20.00	WOCM 10w 30o 60m	0.098

Total Length: 80.00 ft Total Volume: 0.393 bbl

Num Fluid Samples: 0

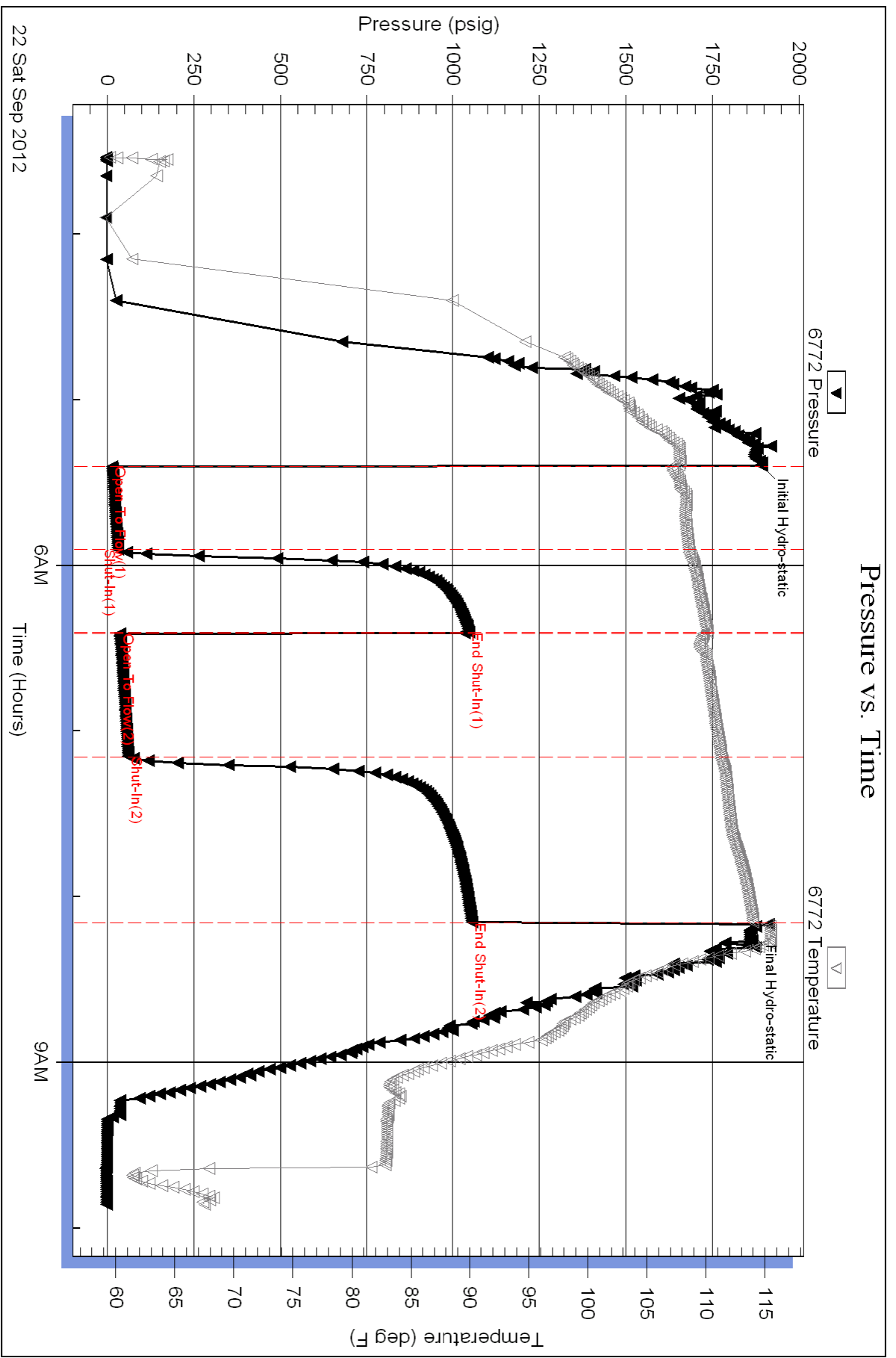
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



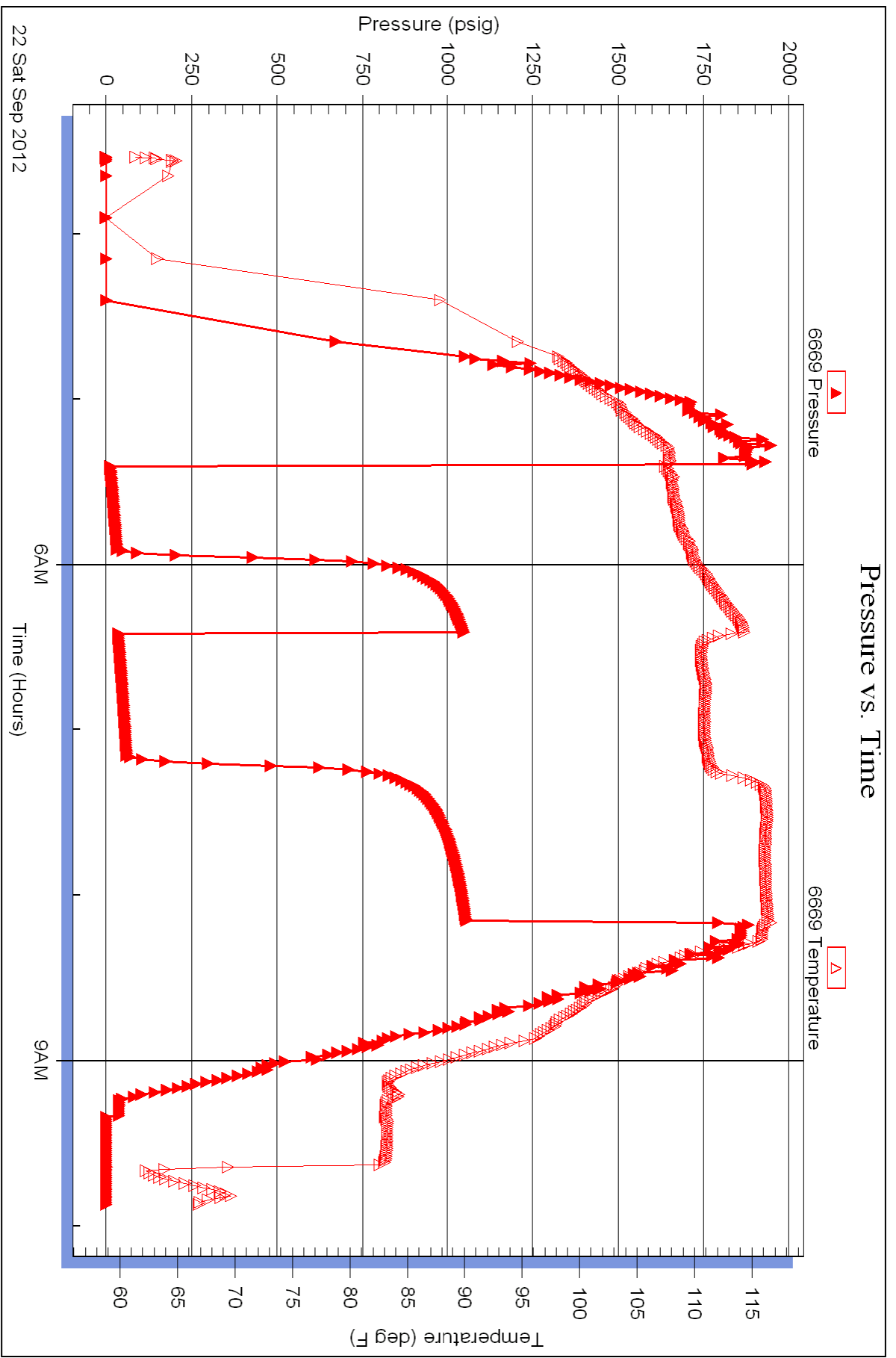
Serial #: 6669

Inside

Shakespeare Oil Co., Inc.

Parsons #2-27

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 50143

Printed: 2012.09.22 @ 14:42:35



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50144

DST#: 2

ATTN: Tim Priest

Test Start: 2012.09.22 @ 20:25:00

GENERAL INFORMATION:

Formation: **"D, E, & F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:30:15

Time Test Ended: 03:22:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 3965.00 ft (KB) To 4000.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4000.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 212.33 psig @ 3966.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.22

End Date: 2012.09.23

Last Calib.: 2012.09.23

Start Time: 20:25:05

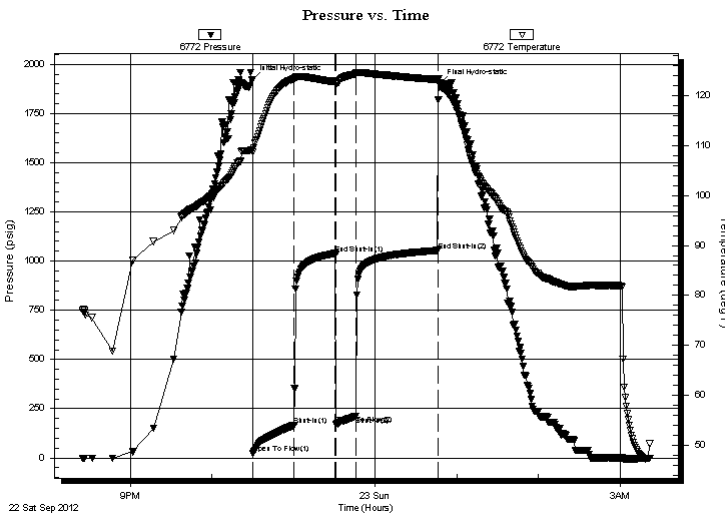
End Time: 03:22:14

Time On Btm: 2012.09.22 @ 22:30:00

Time Off Btm: 2012.09.23 @ 00:47:30

TEST COMMENT: IF: BOB @ 11 min.
IS: 3/4" return.
FF: BOB @ 12 min.
FS: 1/2" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.05	109.19	Initial Hydro-static
1	21.60	108.66	Open To Flow (1)
31	166.29	123.35	Shut-In(1)
61	1039.04	122.76	End Shut-In(1)
61	171.39	122.43	Open To Flow (2)
76	212.33	124.32	Shut-In(2)
136	1054.06	123.19	End Shut-In(2)
138	1903.91	122.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	GMCW 10g 20m 70w	0.66
240.00	GOMCW 5g 5o 20m 70w	3.20
100.00	OG 45o 55g	1.40
0.00	200' 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.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50144

DST#: 2

ATTN: Tim Priest

Test Start: 2012.09.22 @ 20:25:00

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: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

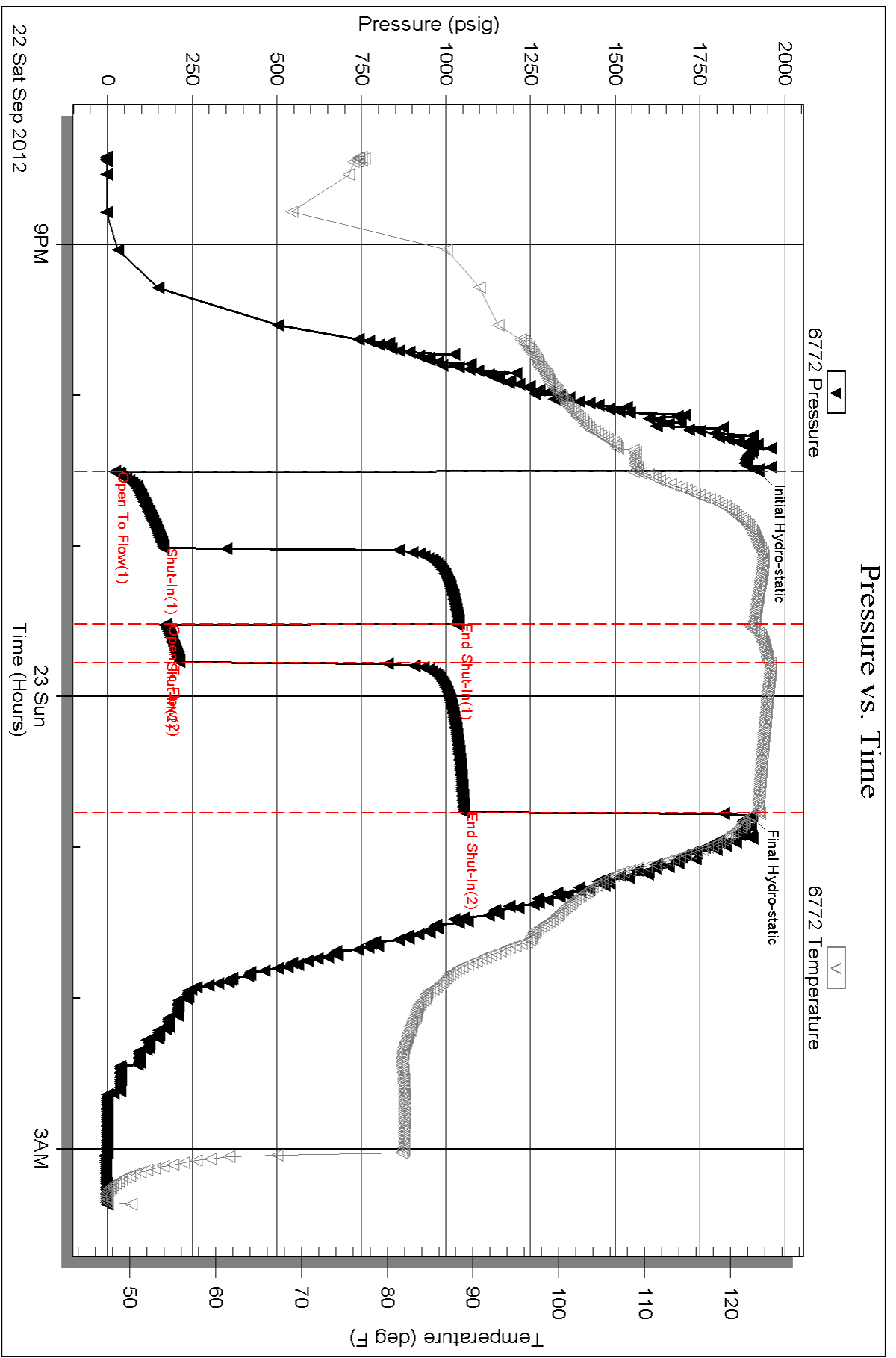
Length ft	Description	Volume bbl
135.00	GMCW 10g 20m 70w	0.664
240.00	GOMCW 5g 5o 20m 70w	3.203
100.00	OG 45o 55g	1.403
0.00	200' GIP	0.000

Total Length: 475.00 ft Total Volume: 5.270 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Oil API: 30 @ 50 degrees= 31 API





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50145

DST#: 3

ATTN: Tim Priest

Test Start: 2012.09.23 @ 19:52:00

GENERAL INFORMATION:

Formation: **"H & I" zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:37:00

Time Test Ended: 03:05:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4051.00 ft (KB) To 4122.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4122.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 93.59 psig @ 4052.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.23

End Date:

2012.09.24

Last Calib.:

2012.09.24

Start Time: 19:52:05

End Time:

03:05:14

Time On Btm:

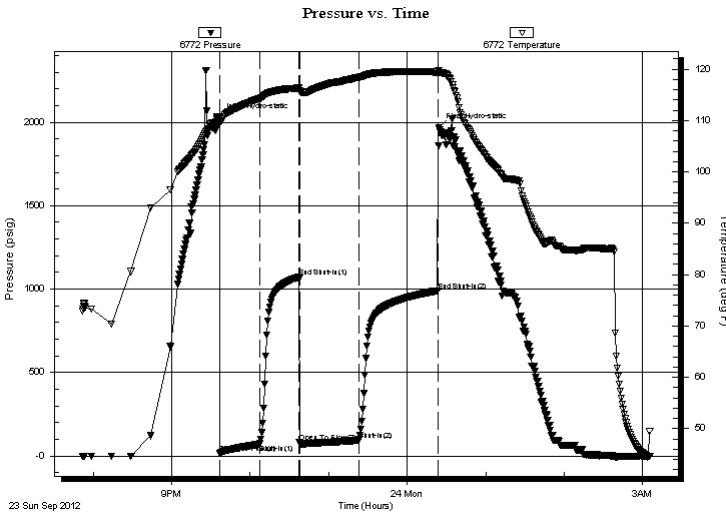
2012.09.23 @ 21:36:45

Time Off Btm:

2012.09.24 @ 00:24:30

TEST COMMENT: IF: BOB @ 28 min.
IS: Weak surface return.
FF: BOB @ 15 min.
FS: 1 1/2" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2027.70	110.47	Initial Hydro-static
1	16.79	109.92	Open To Flow (1)
31	70.03	114.27	Shut-In(1)
61	1070.66	116.30	End Shut-In(1)
61	81.31	115.87	Open To Flow (2)
107	93.59	118.39	Shut-In(2)
167	990.88	119.45	End Shut-In(2)
168	1965.31	119.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	GOCM 10g 30o 60m	0.64
100.00	GO 50g 50o	1.19
0.00	460' 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.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50145

DST#: 3

ATTN: Tim Priest

Test Start: 2012.09.23 @ 19:52:00

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:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
130.00	GOCM 10g 30o 60m	0.639
100.00	GO 50g 50o	1.193
0.00	460' GIP	0.000

Total Length: 230.00 ft Total Volume: 1.832 bbl

Num Fluid Samples: 0

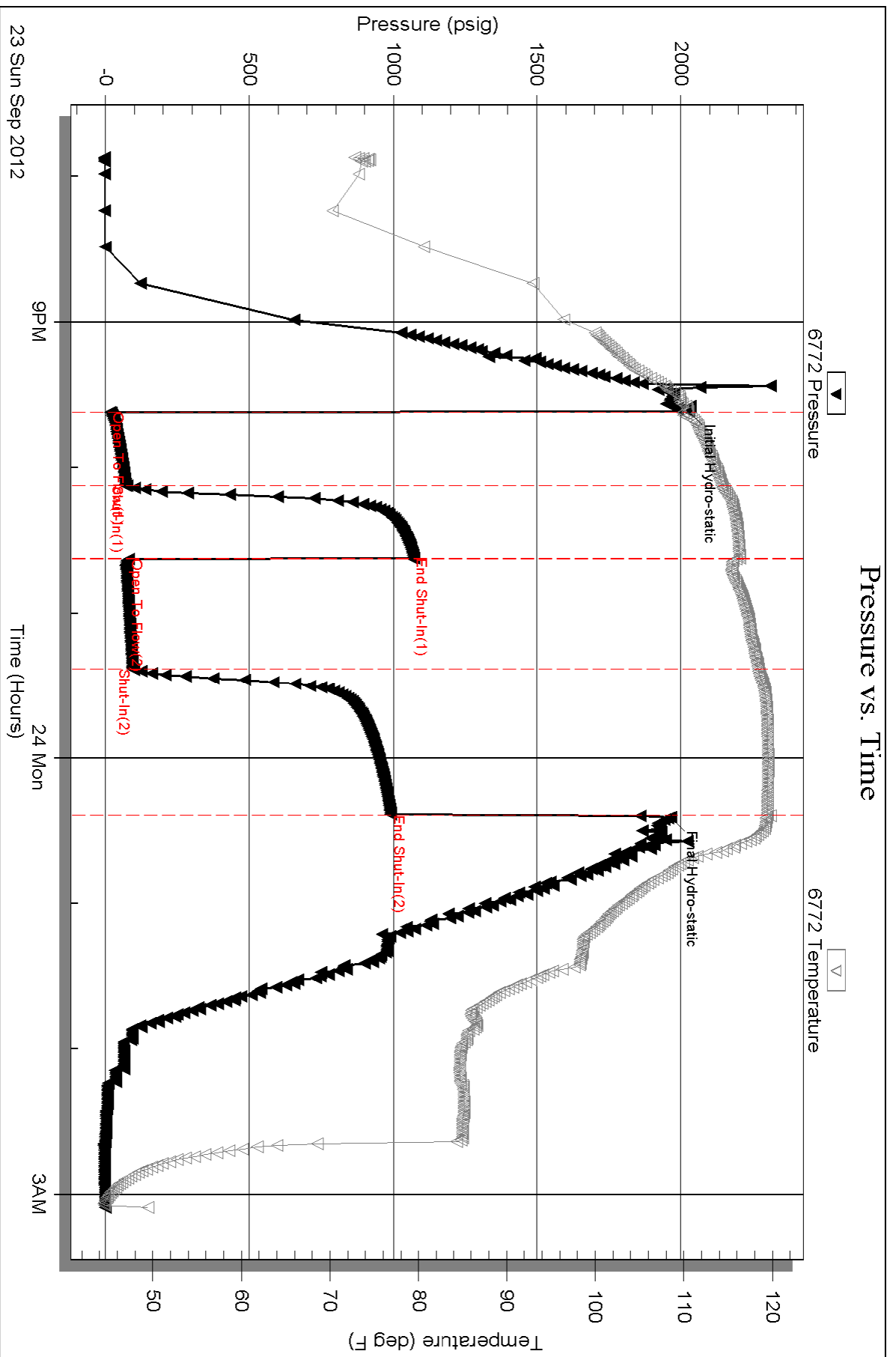
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 38 @ 50 degrees= 39 API





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50146

DST#: 4

ATTN: Tim Priest

Test Start: 2012.09.24 @ 23:01:00

GENERAL INFORMATION:

Formation: **"K" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:44:30

Time Test Ended: 05:49:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4138.00 ft (KB) To 4170.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4170.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 116.43 psig @ 4139.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.24

End Date: 2012.09.25

Last Calib.: 2012.09.25

Start Time: 23:01:05

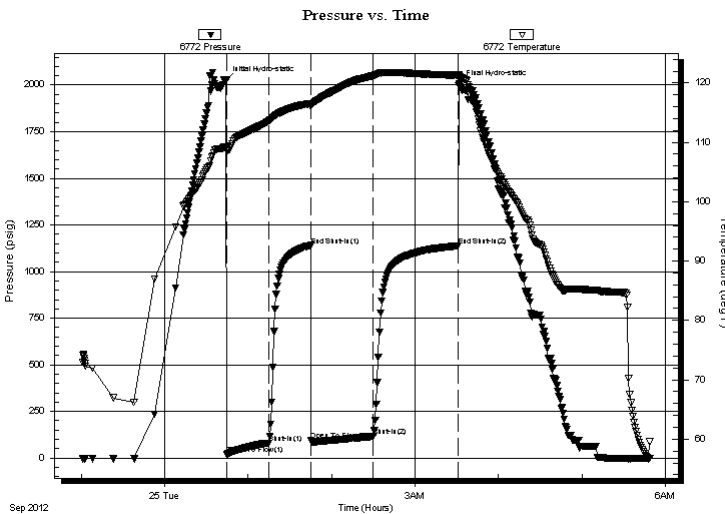
End Time: 05:48:59

Time On Btm: 2012.09.25 @ 00:44:15

Time Off Btm: 2012.09.25 @ 03:31:45

TEST COMMENT: IF: 8 3/4" blow.
IS: 1/4" return.
FF: BOB @ 34 min.
FS: 3" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.57	109.18	Initial Hydro-static
1	18.06	108.60	Open To Flow (1)
31	80.70	113.60	Shut-In(1)
61	1140.36	116.52	End Shut-In(1)
61	94.42	115.98	Open To Flow (2)
106	116.43	121.23	Shut-In(2)
167	1137.80	121.30	End Shut-In(2)
168	2005.03	121.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OMCW 15o 30m 55w	0.59
60.00	GWOCM 10g 15o 15w 60m	0.54
20.00	GWMCO 10g 10w 20m 60o	0.28
40.00	GO 40g 60o	0.56
0.00	380' 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.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50146

DST#: 4

ATTN: Tim Priest

Test Start: 2012.09.24 @ 23:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	OMCW 15o 30m 55w	0.590
60.00	GWOCM 10g 15o 15w 60m	0.541
20.00	GWMCO 10g 10w 20m 60o	0.281
40.00	GO 40g 60o	0.561
0.00	380' GIP	0.000

Total Length: 240.00 ft Total Volume: 1.973 bbl

Num Fluid Samples: 0

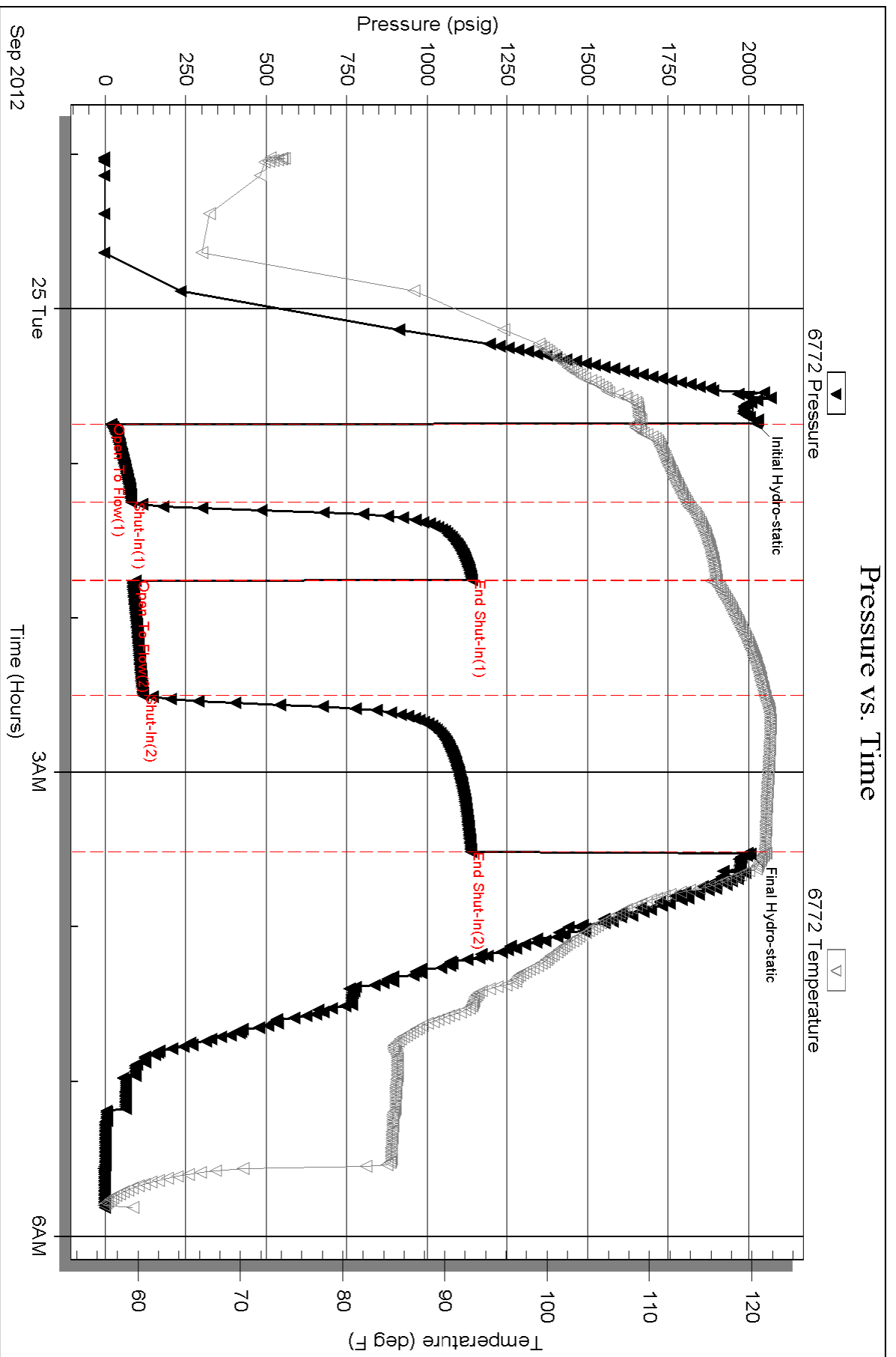
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 36 @ 50 degrees= 37





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50147

DST#: 5

ATTN: Tim Priest

Test Start: 2012.09.25 @ 15:27:00

GENERAL INFORMATION:

Formation: **"L" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:54:15

Time Test Ended: 20:36:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4177.00 ft (KB) To 4212.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4212.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 44.09 psig @ 4178.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.25

End Date: 2012.09.25

Last Calib.: 2012.09.25

Start Time: 15:27:05

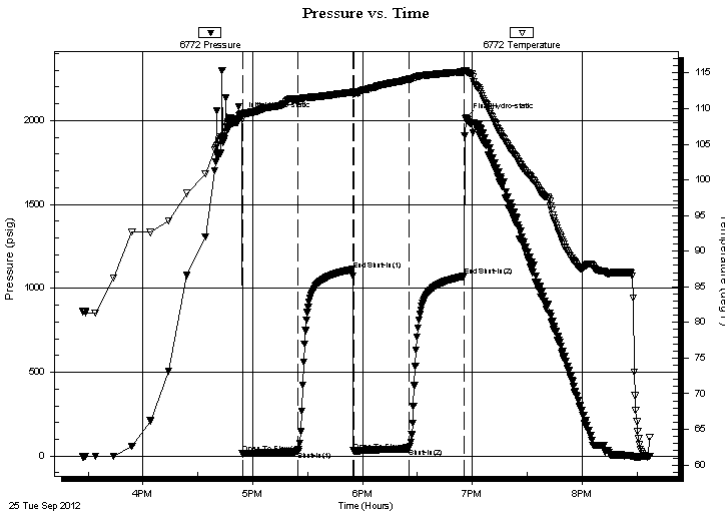
End Time: 20:36:44

Time On Btm: 2012.09.25 @ 16:54:00

Time Off Btm: 2012.09.25 @ 18:56:30

TEST COMMENT: IF: 1/2" blow.
IS: No return.
FF: Weak surface blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.51	109.31	Initial Hydro-static
1	13.90	108.60	Open To Flow (1)
31	26.63	111.31	Shut-In(1)
61	1112.92	112.30	End Shut-In(1)
61	30.17	112.01	Open To Flow (2)
92	44.09	114.10	Shut-In(2)
122	1071.76	115.14	End Shut-In(2)
123	2015.48	115.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud 100m (Oil spots)	0.34

* 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.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50147

DST#: 5

ATTN: Tim Priest

Test Start: 2012.09.25 @ 15:27:00

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: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud 100m (Oil spots)	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

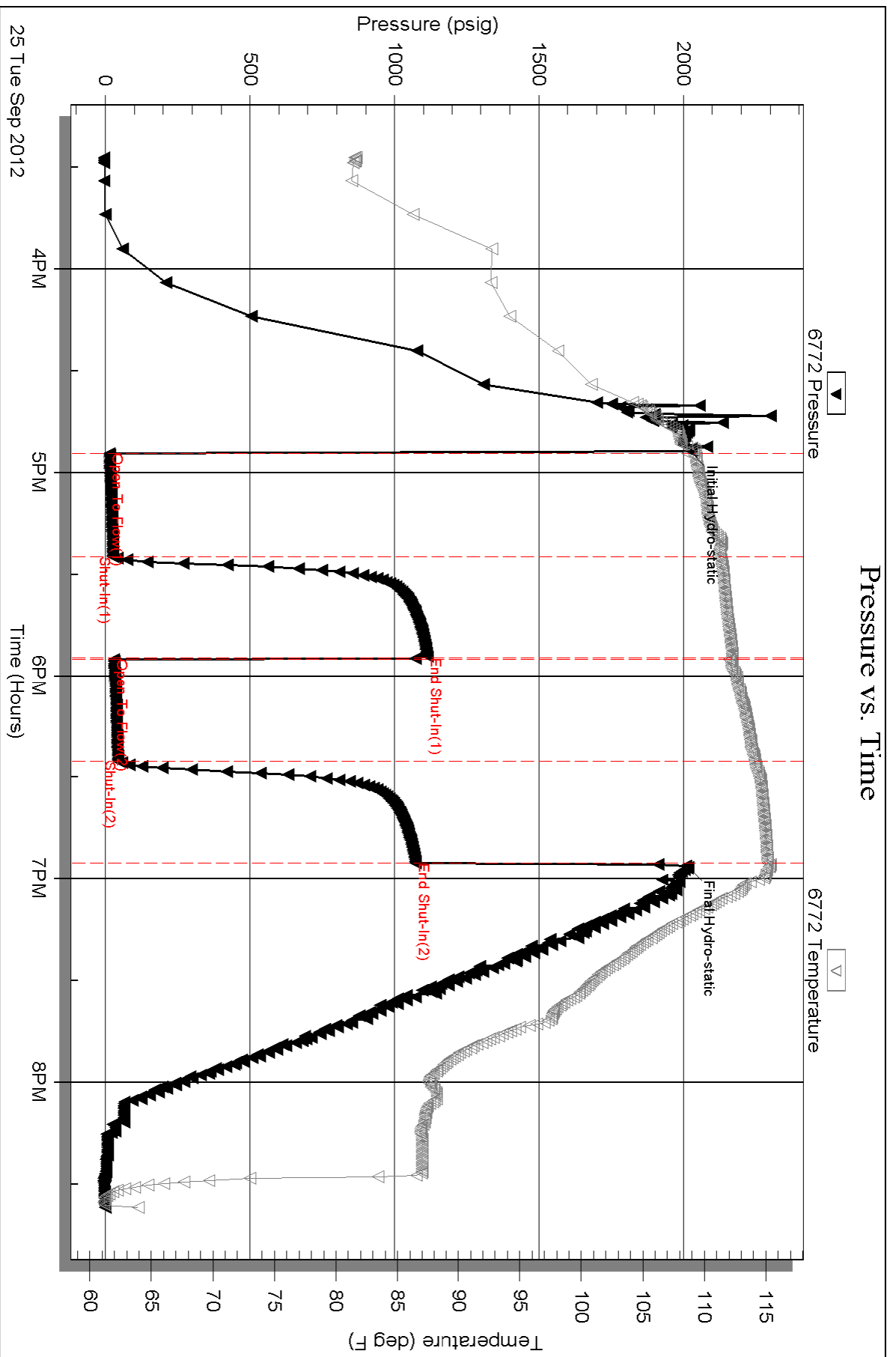
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50148

DST#: 6

ATTN: Tim Priest

Test Start: 2012.09.26 @ 17:06:00

GENERAL INFORMATION:

Formation: **" Pawnee- My ric"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:08:15

Time Test Ended: 01:02:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4338.00 ft (KB) To 4398.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4398.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 179.23 psig @ 4339.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.26

End Date:

2012.09.27

Last Calib.: 2012.09.27

Start Time: 17:06:05

End Time:

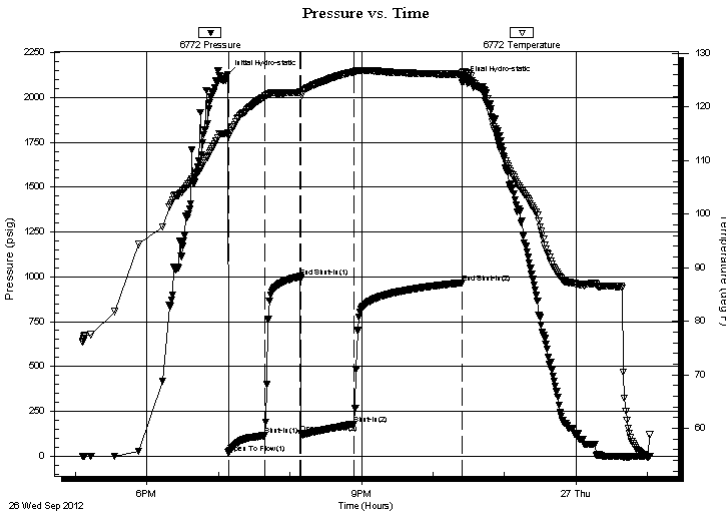
01:01:59

Time On Btm: 2012.09.26 @ 19:08:00

Time Off Btm: 2012.09.26 @ 22:25:15

TEST COMMENT: IF: BOB @ 22 min.
IS: Weak surface return.
FF: BOB @ 12 min.
FS: 6 1/2" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.52	115.17	Initial Hydro-static
1	17.97	114.44	Open To Flow (1)
31	115.10	122.01	Shut-In(1)
61	1001.91	122.75	End Shut-In(1)
61	125.64	122.38	Open To Flow (2)
106	179.23	126.57	Shut-In(2)
197	966.83	126.09	End Shut-In(2)
198	2095.23	126.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	GOWCM 5o 15g 20w 60m	0.69
120.00	GOWCM 10o 15g 20w 55m	1.56
120.00	GOCM 20g 20o 60m	1.68
20.00	GOCM 10g 50o 50m	0.28
0.00	610' 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.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50148

DST#: 6

ATTN: Tim Priest

Test Start: 2012.09.26 @ 17:06:00

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	GOWCM 5o 15g 20w 60m	0.688
120.00	GOWCM 10o 15g 20w 55m	1.565
120.00	GOCM 20g 20o 60m	1.683
20.00	GOCM 10g 50o 50m	0.281
0.00	610' GIP	0.000

Total Length: 400.00 ft Total Volume: 4.217 bbl

Num Fluid Samples: 0

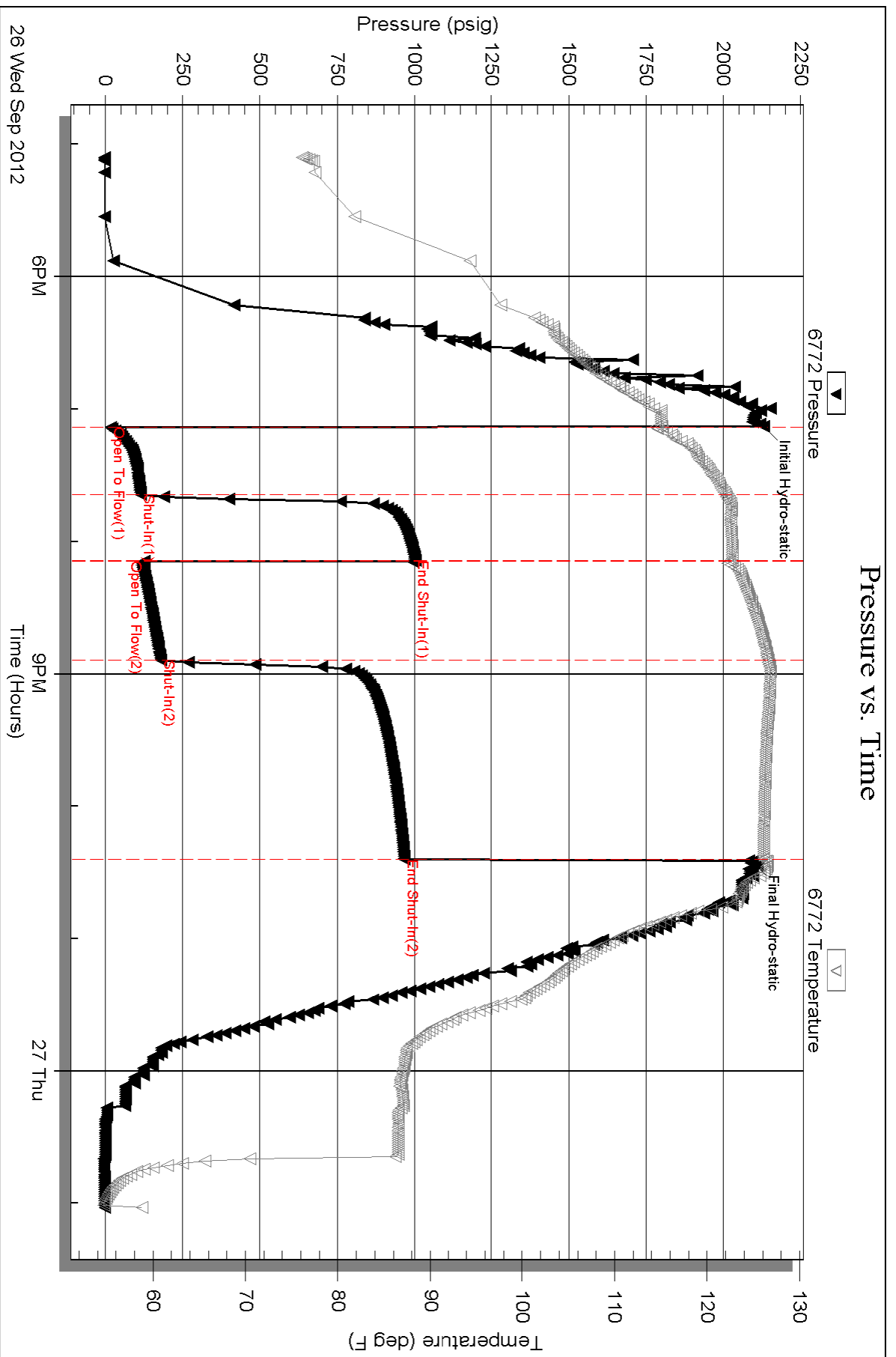
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50149

DST#: 7

ATTN: Tim Priest

Test Start: 2012.09.27 @ 17:52:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:41:45

Time Test Ended: 23:54:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4452.00 ft (KB) To 4497.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4497.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 15.85 psig @ 4453.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.27 End Date: 2012.09.27

Last Calib.: 2012.09.28

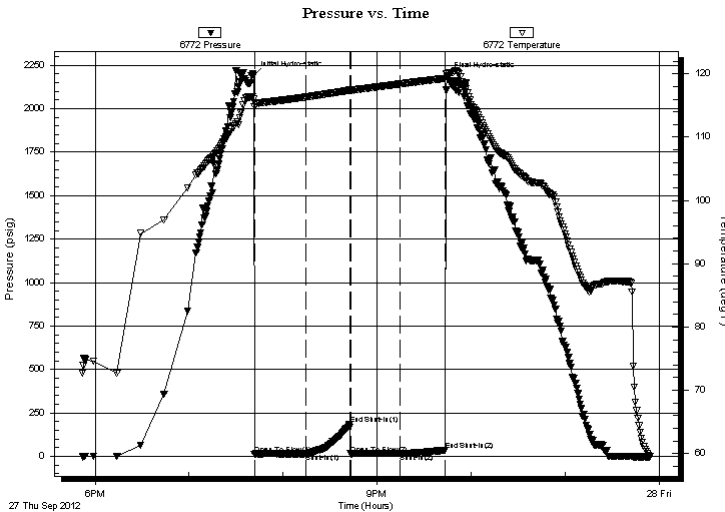
Start Time: 17:52:05 End Time: 23:54:29

Time On Btm: 2012.09.27 @ 19:41:30

Time Off Btm: 2012.09.27 @ 21:44:45

TEST COMMENT: IF: Weak surface blow .
IS: No return.
FF: No blow .
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.45	116.00	Initial Hydro-static
1	13.50	114.84	Open To Flow (1)
33	15.83	116.34	Shut-In(1)
61	183.39	117.41	End Shut-In(1)
62	14.78	117.37	Open To Flow (2)
94	15.85	118.41	Shut-In(2)
122	35.70	119.31	End Shut-In(2)
124	2187.16	120.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m (Oil spots)	0.05

* 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.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50149

DST#: 7

ATTN: Tim Priest

Test Start: 2012.09.27 @ 17:52:00

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100m (Oil spots)	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

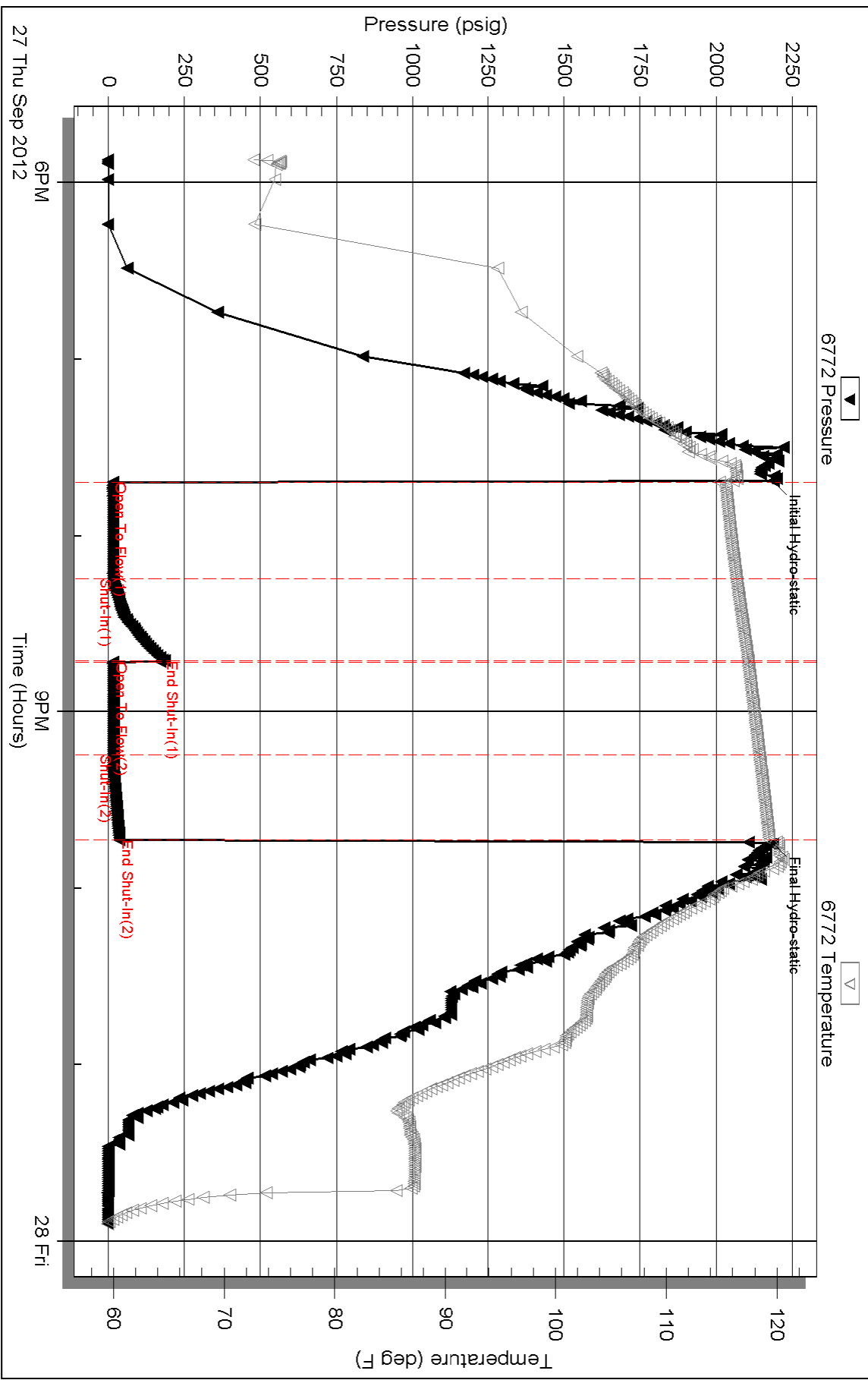
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY **SHAKESPARE OIL CO.**
 LEASE **Persons 2-27**
 FIELD **Wildcat**
 LOCATION **2480' FUL, 1100' FWL**
 SEC **27** T1MSP **13S** R0E **31W**
 COUNTY **Grave** STATE **Kansas**

CONTRACTOR **HD Drilling Rig #2**
 SPUD **9-17-12** COMP **9-29-12**
 RTD **4630'** LTD **4629'**
 MUD UP **3500'** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3700'** to RTD
 DRILLING TIME KEPT FROM **3650'** to RTD
 SAMPLES EXAMINED FROM **3700'** to RTD
 GEOLOGICAL SUPERVISION FROM **3800'** to RTD

GEOLOGIST ON WELL **Tim Priest**
 By: **Weatherford**

FORMATION TOPS
 Anyvrite **2337 (+511)**
 Heebner **3856 (+1008)**
 Lansing **3900 (+1052)**
 SARC **4140 (+1292)**
 Fort Scott **4404 (+1556)**
 Mississippian **4539 (+1956)**

ELEVATIONS
KG 2848'
 DF _____
 GL **2838'**

CASING
 CONDUCTION **N/A**
 SURFACE **8-5/8" @ 222'**
 PRODUCTION **5-1/2" @ 4630'**

Measurements Are All From **KB**

ELECTRICAL SURVEYS
 CND/D/SP/P/E

Microns

By: **Weatherford**

FORMATION TOPS
 Anyvrite **2337 (+511)**
 Heebner **3856 (+1008)**
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ELECTRICAL SURVEYS
 CND/D/SP/P/E

Microns

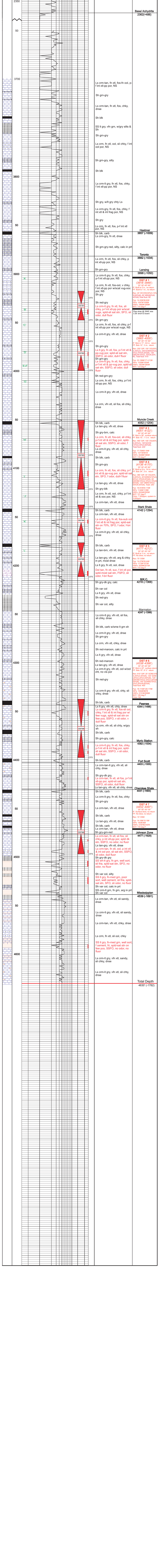
By: **Weatherford**

REMARKS
 Due to the positive results of drill stem tests, it was decided to set production casing to further test the well.

Respectfully Submitted,
Tim Priest
 Petroleum Geologist

API #15-063-22039-00-00

4539 (+1956)



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
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 07, 2012

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

Re: ACO1
API 15-063-22039-00-00
Parsons 2-27
NW/4 Sec.27-13S-31W
Gove 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