



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: _____



1064906

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	Shakespeare Oil Co., Inc.
Well Name	Nichols 1-15
Doc ID	1064906

All Electric Logs Run

Array Induction
Photo Density
Comp. Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Nichols 1-15
Doc ID	1064906

Tops

Name	Top	Datum
Anhydrite	2457	+673
Heebner Shale	3983	-855
Lansing	4024	-896
Stark	4298	-1168
BKC	4386	-1256
Fort Scott	4569	-1440
Cherokee Shale	4596	-1468
Mississippian	4760	-1630



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 128375

Invoice Date: Aug 25, 2011

Page: 1

Voice: (785) 483-3887
 Fax: (785) 483-5566

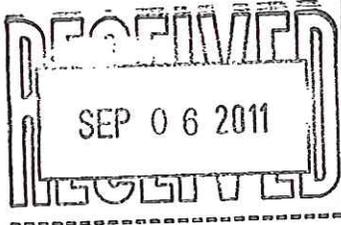
Bill To:
Shakespeare Oil Co., Inc. 202 West Main St. Salem, IL 62881

Federal Tax I.D.#: 20-5975804

INT
file copy

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Shak	Nichols #1-15	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Aug 25, 2011	9/24/11

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
184.00	SER	Handling	2.25	414.00
45.00	SER	Mileage	20.24	910.80
1.00	SER	Surface	1,125.00	1,125.00
90.00	SER	Heavy Vehicle Mileage	7.00	630.00
1.00	SER	Swedge Rental	325.00	325.00
90.00	SER	Light Vehicle Mileage	4.00	360.00
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Chris Helpingstine		



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

\$ 1404.30

ONLY IF PAID ON OR BEFORE

Sep 19, 2011

Subtotal	7,021.50
Sales Tax	237.74
Total Invoice Amount	7,259.24
Payment/Credit Applied	
TOTAL	7,259.24

DW

ALLIED CEMENTING CO., LLC. 043398

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Dakleys

DATE <u>8-25-11</u>	SEC. <u>19</u>	TWP. <u>16</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30am</u>	JOB FINISH <u>6:00am</u>
LEASE <u>Wichita</u>	WELL # <u>1-13</u>	LOCATION <u>Penoc. 2E, 1N, 1W</u>			COUNTY <u>Scott</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)				<u>Yes Einto</u>			

CONTRACTOR HD Reg #2

TYPE OF JOB Surface

HOLE SIZE 12 3/8 T.D. 270'

CASING SIZE 8 7/8 DEPTH 270'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 ft

PERFS.

DISPLACEMENT 16032 bbl

OWNER Same

CEMENT AMOUNT ORDERED 175 sks com 3% cc
220 gal

COMMON	<u>175 sks @ 16.25</u>	<u>2843.75</u>
POZMIX	@	
GEL	<u>3 sks @ 26.25</u>	<u>63.75</u>
CHLORIDE	<u>6 sks @ 58.20</u>	<u>349.20</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>184 sks @ 2.25</u>	<u>414.00</u>
MILBAGE	<u>11434 miles</u>	<u>910.80</u>
TOTAL		<u>4596.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Lakone

431 HELPER Darren

BULK TRUCK DRIVER Chris

397/287

BULK TRUCK DRIVER

REMARKS:
Mix 175 sks down 8 7/8 casing
Displace with water

Cement did circulate

Thank you.

CHARGE TO: Shakespeare

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>270'</u>	
PUMP TRUCK CHARGE		<u>1125.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>45 X 2</u>	<u>2.00</u>
MANIFOLD	<u>Sledge</u>	<u>325.00</u>
Light Vehicle mileage	@ <u>4.00</u>	<u>360.00</u>
TOTAL		<u>1870.00</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Doug Roberts

SIGNATURE Doug Roberts

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (817) 546-7282
 Fax: (817) 246-3361

INVOICE

Invoice Number: 128539
 Invoice Date: Sep 8, 2011
 Page: 1

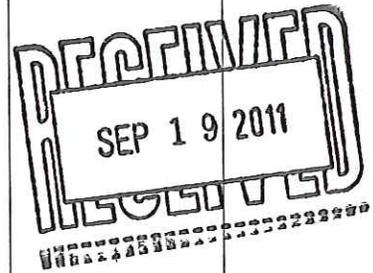
Bill To:
Shakespeare Oil Co., Inc. 202 West Main St. Salem, IL 62881

Federal Tax I.D.#: 20-5975804

file INT

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Nichols #1-15	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Sep 8, 2011	10/8/11

Quantity	Item	Description	Unit Price	Amount
4.00	MAT	Gel	21.25	85.00
225.00	MAT	ASC Class A	19.00	4,275.00
1,125.00	MAT	Gilsonite	0.89	1,001.25
56.00	MAT	Flo Seal	2.70	151.20
156.00	MAT	CD-31	9.35	1,458.60
500.00	MAT	WFR-2	1.27	635.00
258.00	SER	Handling	2.25	580.50
45.00	SER	Mileage 258 sx @.11 per sk per mi	28.38	1,277.10
1.00	SER	Production Casing	2,405.00	2,405.00
90.00	SER	Pump Truck Mileage	7.00	630.00
1.00	SER	Manifold Head Rental	200.00	200.00
90.00	SER	Light Vehicle Mileage	4.00	360.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Chris Helpingstine		



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

\$ *2611.73*

ONLY IF PAID ON OR BEFORE
 Oct 3, 2011

Subtotal	13,058.65
Sales Tax	555.24
Total Invoice Amount	13,613.89
Payment/Credit Applied	
TOTAL	13,613.89

DW

ALLIED CEMENTING CO., LLC. 043490

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Dakley

DATE <i>9-8-11</i>	SEC. <i>15</i>	TWP. <i>16</i>	RANGE <i>34</i>	CALLED OUT	ON LOCATION	JOB START <i>12:30pm</i>	JOB FINISH <i>12:00 Am</i>
LEASE <i>Nichols</i>	WELL # <i>1-15</i>	LOCATION <i>Perce - 1N 1/2 E</i>			COUNTY <i>Scott</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one) <u>NEW</u>		S E into					

CONTRACTOR *H.D. #2*

TYPE OF JOB *Production*

HOLE SIZE *2 7/8* TD. *4900*

CASING SIZE *5 1/2* DEPTH *4896.43*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *Port collar* DEPTH *2419.83*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *42.12*

CEMENT LEFT IN CSG. *42.12*

PERFS.

DISPLACEMENT *115.53 BBL*

OWNER *Same*

CEMENT

AMOUNT ORDERED *225 sks ASC*

5" Gilsonite 200gal WPR seal

340# 1200-31 500gal WPR-2

EQUIPMENT

PUMP TRUCK CEMENTER *Andrew*

423-281 HELPER *Jerry*

BULK TRUCK

347 DRIVER *Chris*

BULK TRUCK

DRIVER

COMMON	@	
POZMIX	@	
GEL <i>4 sks</i>	@ <i>21.25</i>	<i>85.00</i>
CHLORIDE	@	
ASC <i>225 sks</i>	@ <i>19.00</i>	<i>4275.00</i>
<i>Gilsonite 1125#</i>	@ <i>0.89</i>	<i>1001.25</i>
<i>Mo-seal 56#</i>	@ <i>2.20</i>	<i>151.20</i>
<i>CD-31 158#</i>	@ <i>9.25</i>	<i>1458.60</i>
<i>WPR-2 500gal</i>	@ <i>1.27</i>	<i>635.00</i>
HANDLING <i>258 sks</i>	@ <i>2.25</i>	<i>580.50</i>
MILBAGE <i>110.56/mile</i>		<i>1222.10</i>

TOTAL *9463.65*

REMARKS:

Pump 5 BBL water sealal WPR-2
15 BBL water plug float hole
Mix cement down 5 1/2 wash
Pump and line clean
Displace plug 200# lift
Lamb plug 1300# float held

Thank you

CHARGE TO: *Shakespeare oil co*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <i>4896.43</i>	
PUMP TRUCK CHARGE	<i>2405.00</i>
EXTRA FOOTAGE	@
MILBAGE <i>45 miles x 2</i>	@ <i>7.00</i> <i>630.00</i>
MANIFOLD head	@ <i>200.00</i>
Light vehicle	@ <i>4.00</i> <i>360.00</i>

TOTAL *3595.00*

PLUG & FLOAT EQUIPMENT

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

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Doug Roberts*

SIGNATURE *Doug Robert*



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

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

INVOICE

Invoice Number: 128619
 Invoice Date: Sep 12, 2011
 Page: 1

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

Federal Tax I.D.#: 20-5975804

INT file

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Nichols #1-15	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-04	Oakley	Sep 12, 2011	10/12/11

Quantity	Item	Description	Unit Price	Amount
351.00	MAT	Class A Common	16.25	5,703.75
189.00	MAT	Pozmix	8.50	1,606.50
38.00	MAT	Gel	21.25	807.50
135.00	MAT	Flo Seal	2.70	364.50
8.00	MAT	Cottonseed Hulls	31.85	254.80
1,043.00	SER	Handling	2.25	2,346.75
45.00	SER	Mileage	114.73	5,162.85
1.00	SER	Port Collar	2,125.00	2,125.00
90.00	SER	Heavy Vehicle Mileage	7.00	630.00
90.00	SER	Light Vehicle Mileage	4.00	360.00
1.00	CEMENTER	Terry Heinrich		
1.00	CEMENTER	Andrew Forslund		
1.00	OPER ASSIST	Ethan Glassman		



Subtotal	19,361.65
Sales Tax	637.80
Total Invoice Amount	19,999.45
Payment/Credit Applied	
TOTAL	19,999.45

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

\$ 3872.33

ONLY IF PAID ON OR BEFORE
Oct 7, 2011

DW

ALLIED CEMENTING CO., LLC. 039862

Federal Tax I.D.# 20-5975004

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

SERVICE POINT
SMILEY

DATE <u>9-12-11</u>	SEC. <u>15</u>	TWP. <u>16S</u>	RANGE <u>34 W</u>	CALLED OUT	ON LOCATION <u>3:15 PM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:30 PM</u>
LEASE <u>Prohols</u>	WELL # <u>1-15</u>	LOCATION <u>PEACE 1N-1/2E-S4E 2N</u>		COUNTY <u>SCOTT</u>	STATE <u>KS</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR FRITZLER TRUCKING INC. OWNER SAME

TYPE OF JOB PORT COLLAR
HOLE SIZE _____ T.D. _____
CASING SIZE 5 1/2" DEPTH _____
TUBING SIZE 2 3/4" DEPTH 2423'
DRILL PIPE _____ DEPTH _____
TOOL PORT COLLAR DEPTH 2423'
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. _____
PERFS. _____
DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>TERRY</u>
# <u>386-281</u>	HELPER	<u>ANDREW</u>
BULK TRUCK		
# <u>396</u>	DRIVER	<u>ETHAN</u>
BULK TRUCK		
# <u>394</u>	DRIVER	<u>ETHAN</u>

CEMENT
AMOUNT ORDERED 975 SKS 65/35 P02
870 SKS 1/4" P/O-SEAL 500# HULLS
USED 570 SKS 65/35 P02 870 SKS 1/4" P/O-SEAL

COMMON	<u>351 SKS</u>	@ <u>16.25</u>	<u>5703.75</u>
POZMIX	<u>189 SKS</u>	@ <u>8.52</u>	<u>1606.50</u>
GBL	<u>38 SKS</u>	@ <u>21.25</u>	<u>807.50</u>
CHLORIDE		@	
ASC		@	
	<u>F/O-SEAL 135#</u>	@ <u>2.20</u>	<u>364.50</u>
	<u>HULLS 800 SKS</u>	@ <u>31.50</u>	<u>25410.00</u>
HANDLING	<u>1043 SKS</u>	@ <u>2.25</u>	<u>2346.75</u>
MILEAGE	<u>11.8 PER SK/MILE</u>		<u>5762.85</u>
TOTAL			<u>16246.65</u>

REMARKS:

PRESSURE SYSTEM TO 1200 PSI. HELD
OPEN PORT COLLAR PUMP 5 BALS WATER HOLE ALLOW
MAX 475 SKS 65/35 P02 870 SKS 1/4" P/O-SEAL WITH
200# HULLS. LAST CIRC ABOUT 20 MIN THROUGH MAKING
CEMENT FOR 2ND LOT RETURN BACK + FRESH MAKING
CEMENT ORDER 500 SKS 65/35 870 SKS 1/4" P/O-SEAL
MAX 65 SKS ON 870 SKS HULLS. DISPLACED
3 3/4 BBL. CLOSURE PORT COLLAR. PRESSURE TO
1500 PSI. HELD

THANK YOU

SERVICE

DEPTH OF JOB	<u>2423</u>		
PUMP TRUCK CHARGE			<u>2125.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>45 X 2</u>	@ <u>7.00</u>	<u>630.00</u>
MANIFOLD		@	
	<u>LAST VEHICLE ASVD</u>	@ <u>11.00</u>	<u>360.00</u>
TOTAL			<u>3115.00</u>

CHARGE TO: SHAKESPEARE OIL & GAS
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

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

PRINTED NAME _____
SIGNATURE John W. D... [Signature]

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

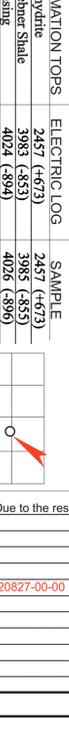
COMPANY **SHAKESPEARE OIL CO.**
 LEASE **NICHOLS #1-15**
 FIELD **CHERRY LS**
 LOCATION **13907 ENL, 1850' FEL**
 SEC **15 T1MSP 16S R0E 34W**
 COUNTY **Scott** STATE **Kansas**

CONTRACTOR **HD Rite 2**
 SPUD **8-24-11** COMP **9-8-11**
 RTD **4900'** LTD **4900'**
 MUD UP **3700'** TYPE MUD **Chemical**
 SAMPLES SAVED FROM **3800'** to RTD
 DRILLING TIME KEPT FROM **3800'** to RTD
 SAMPLES EXAMINED FROM **3800'** to RTD
 GEOLOGICAL SUPERVISION FROM **3800'** to RTD
 GEOLOGIST ON WELL **Tim Priest**

FORMATION TOPS **ELECTRIC LOG** SAMPLE **E**
 Anhydrite **2457 (+673)** Sandstone **2457 (+673)**
 Heebner Shale **3985 (-853)** Limestone **3985 (-853)**
 Amsberg **4024 (-894)** Shale **4024 (-894)**
 BRC **4298 (-1168)** Shale **4298 (-1168)**
 Fort Scott **4379 (-1249)** Shale **4379 (-1249)**
 Cherokee Shale **4596 (-1439)** Shale **4596 (-1439)**
 Mississippian **4760 (-1630)** Shale **4760 (-1630)**

ELEVATIONS **KG 3130'**
 DF _____
 GL **3120'**
 Measurements Are All From **KB**
 CASINGS **N/A**
 CONDUCTION **N/A**
 SURFACE **8-5/8" @ 267'**
 PRODUCTION _____

ELECTRICAL SURVEYS
 CND/D/SP/P/E
 Micro sonic
 By: Weatherford



REMARKS **Due to the results of DST #6 it was decided to set production casing to further test the well.**

Respectfully Submitted,
Tim Priest
 Petroleum Geologist

API #15-171-20827-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43686

DST#: 1

Test Start: 2011.08.30 @ 04:31:00

GENERAL INFORMATION:

Formation: **C**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: 07:24:10 Tester: **Brandon Turley**
 Time Test Ended: 12:28:09 Unit No: **35**
 Interval: **4072.00 ft (KB) To 4100.00 ft (KB) (TVD)** Reference Elevations: **3130.00 ft (KB)**
 Total Depth: **4100.00 ft (KB) (TVD)** **3120.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

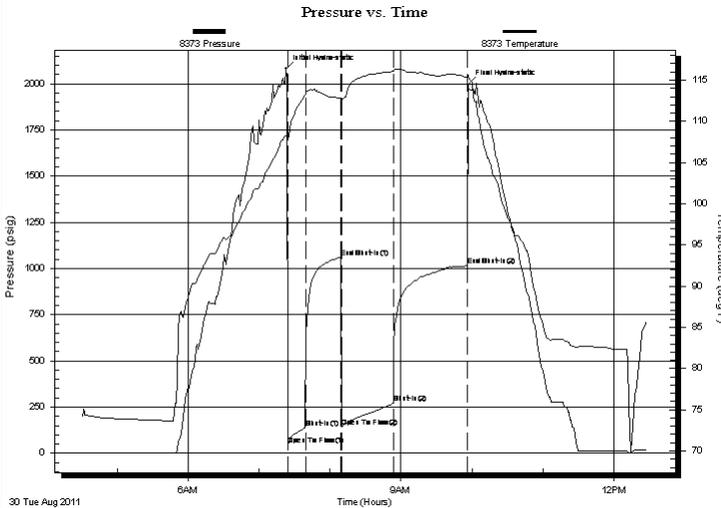
Serial #: 8373

Inside

Press @ Run Depth: 270.20 psig @ 4073.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.30 End Date: 2011.08.30 Last Calib.: 2011.08.30
 Start Time: 04:31:00 End Time: 12:28:09 Time On Btm: 2011.08.30 @ 07:22:55
 Time Off Btm: 2011.08.30 @ 09:56:39

TEST COMMENT: IF: 1/4 blow BOB in 8 min.
 IS: No return.
 FF: BOB in 11 min.
 FS: No return.

PRESSURE SUMMARY



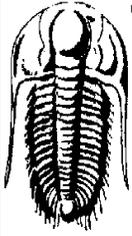
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.35	108.25	Initial Hydro-static
2	47.52	107.68	Open To Flow (1)
17	138.46	113.25	Shut-In(1)
47	1061.74	112.85	End Shut-In(1)
47	144.41	112.48	Open To Flow (2)
91	270.20	116.04	Shut-In(2)
153	1015.96	115.39	End Shut-In(2)
154	1996.28	115.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	mcw 95%w 5%m	4.10
248.00	mw 50%w 50%m	3.48
102.00	w cm 20%w 80%m	1.43

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43686

DST#: 1

ATTN: Tim Priest

Test Start: 2011.08.30 @ 04:31:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
372.00	mcw 95%w 5%m	4.098
248.00	mw 50%w 50%m	3.479
102.00	w cm 20%w 80%m	1.431

Total Length: 722.00 ft Total Volume: 9.008 bbl

Num Fluid Samples: 0

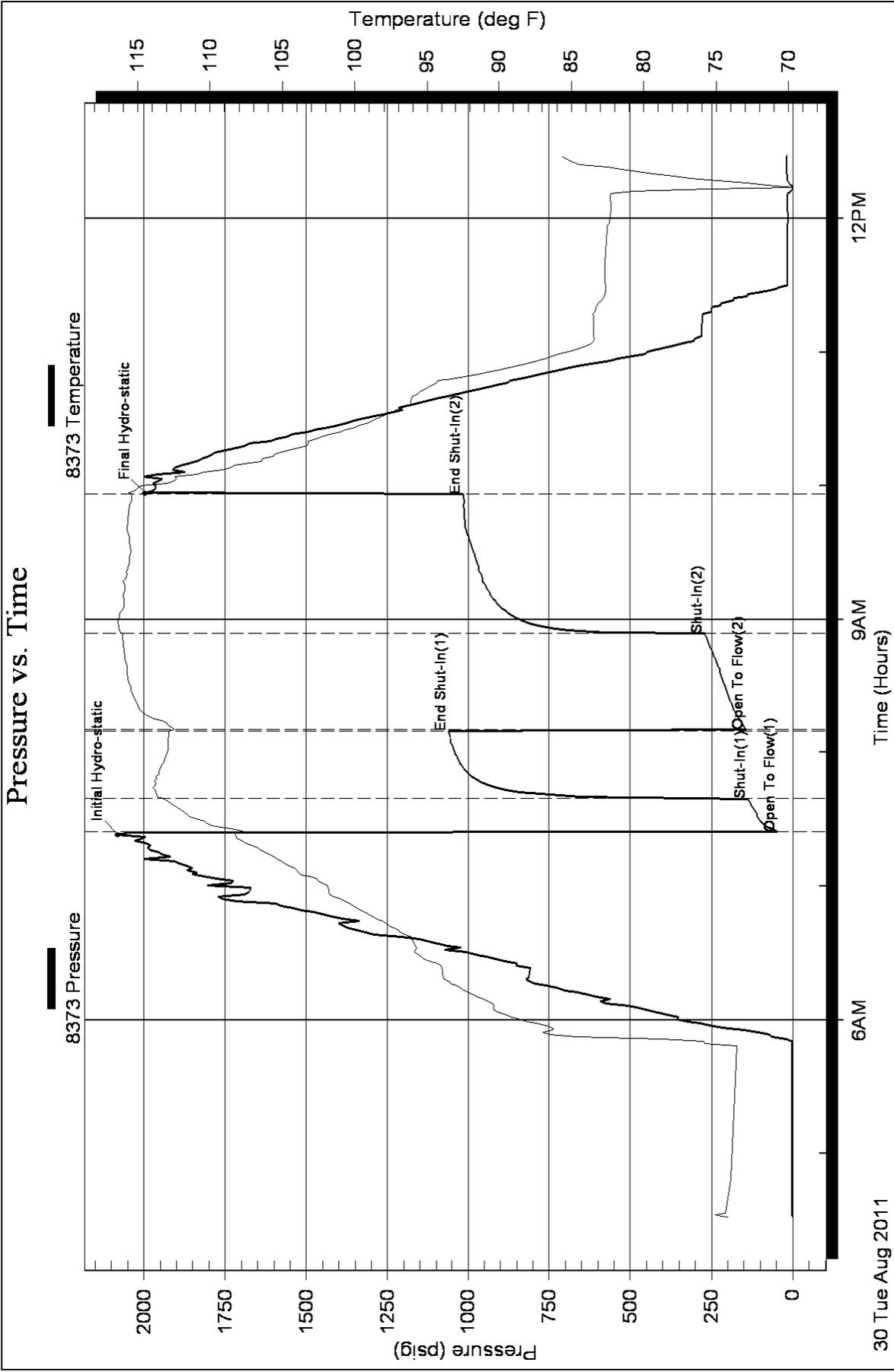
Num Gas Bombs: 0

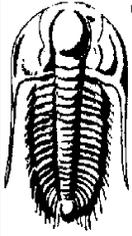
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .23@81=26000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43687

DST#: 2

Test Start: 2011.08.30 @ 23:26:12

GENERAL INFORMATION:

Formation: **E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:17:52

Time Test Ended: 07:40:36

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4118.00 ft (KB) To 4150.00 ft (KB) (TVD)

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4150.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373 Inside

Press @ Run Depth: 239.97 psig @ 4119.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.30

End Date:

2011.08.31

Last Calib.:

2011.08.31

Start Time:

23:26:12

End Time:

07:40:36

Time On Btm:

2011.08.31 @ 01:16:52

Time Off Btm:

2011.08.31 @ 04:50:06

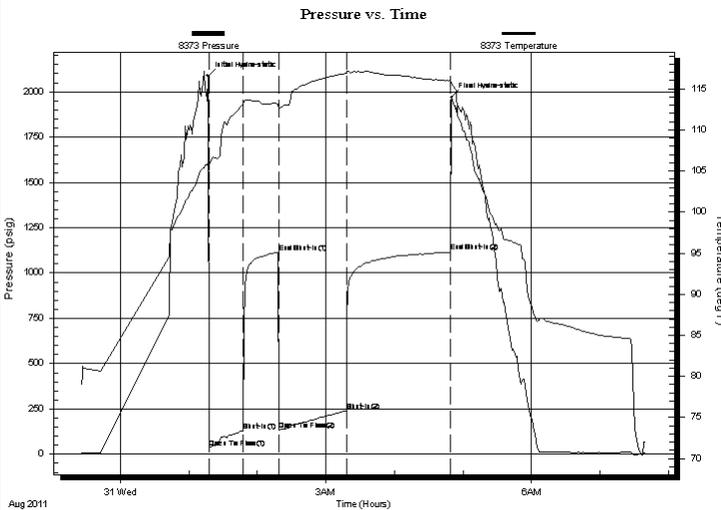
TEST COMMENT: IF: 1/4 blow BOB in 20 min.

IS: No return.

FF: Surface blow BOB in 23 min.

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2086.29	106.08	Initial Hydro-static
1	33.78	105.17	Open To Flow (1)
31	128.18	113.10	Shut-In(1)
62	1113.39	113.15	End Shut-In(1)
62	134.27	112.71	Open To Flow (2)
121	239.97	116.91	Shut-In(2)
213	1115.98	116.01	End Shut-In(2)
214	1968.11	115.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	mcw 90%w 10%m	1.49
186.00	mcw 80%w 20%m	2.61
144.00	w cm 10%w 90%m	2.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43687

DST#: 2

ATTN: Tim Priest

Test Start: 2011.08.30 @ 23:26:12

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 23000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.58 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 5300.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	mcw 90%w 10%m	1.489
186.00	mcw 80%w 20%m	2.609
144.00	w cm 10%w 90%m	2.020

Total Length: 516.00 ft Total Volume: 6.118 bbl

Num Fluid Samples: 0

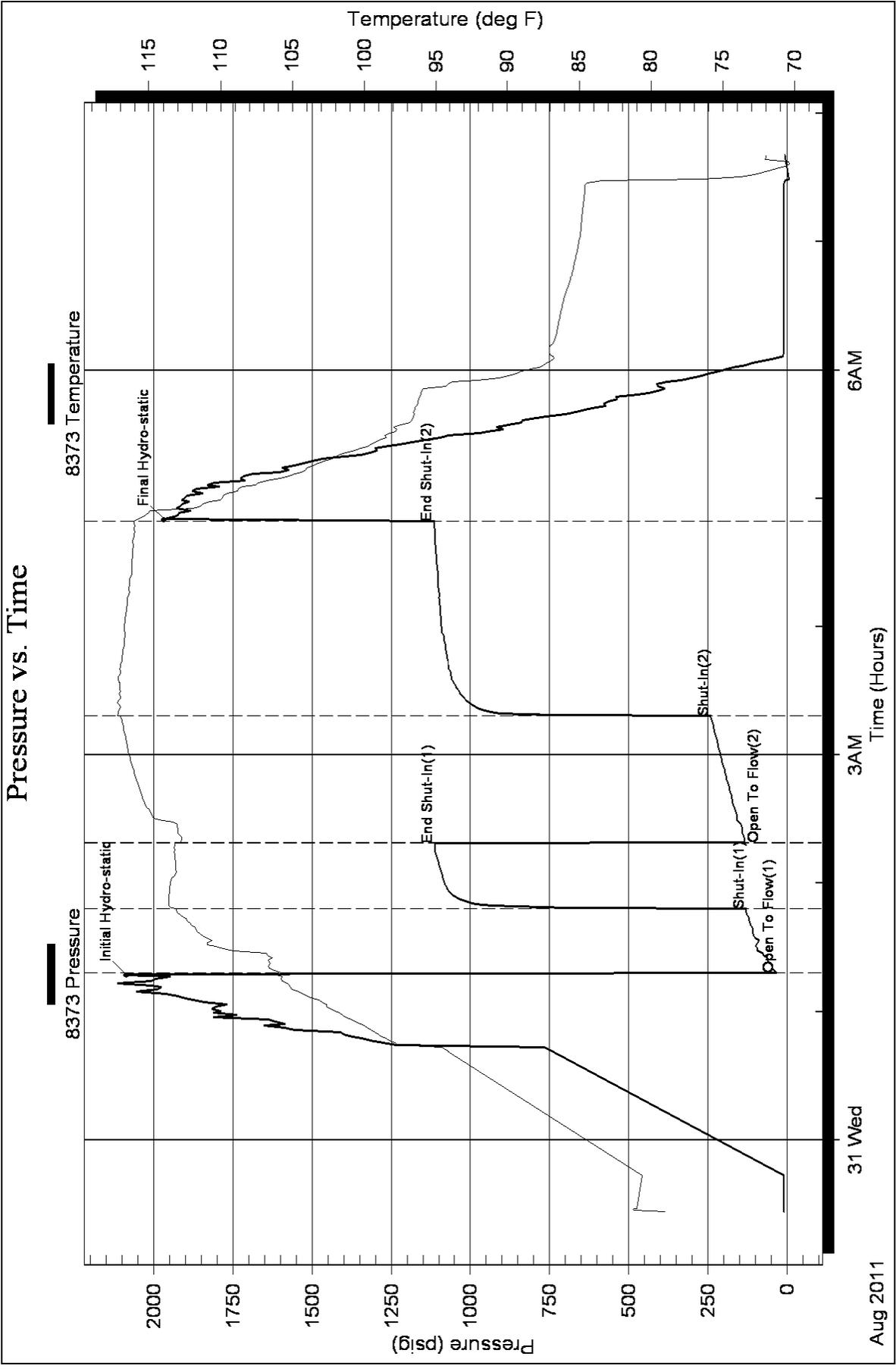
Num Gas Bombs: 0

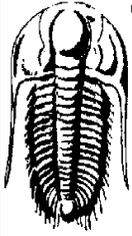
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .31@69=23000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43688

DST#: 3

Test Start: 2011.09.01 @ 01:20:08

GENERAL INFORMATION:

Formation: **H&I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:07:33

Time Test Ended: 09:26:17

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4221.00 ft (KB) To 4270.00 ft (KB) (TVD)

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4270.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 252.65 psig @ 4222.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.01

End Date:

2011.09.01

Last Calib.:

2011.09.01

Start Time: 01:20:08

End Time:

09:26:17

Time On Btm:

2011.09.01 @ 04:06:03

Time Off Btm:

2011.09.01 @ 06:38:47

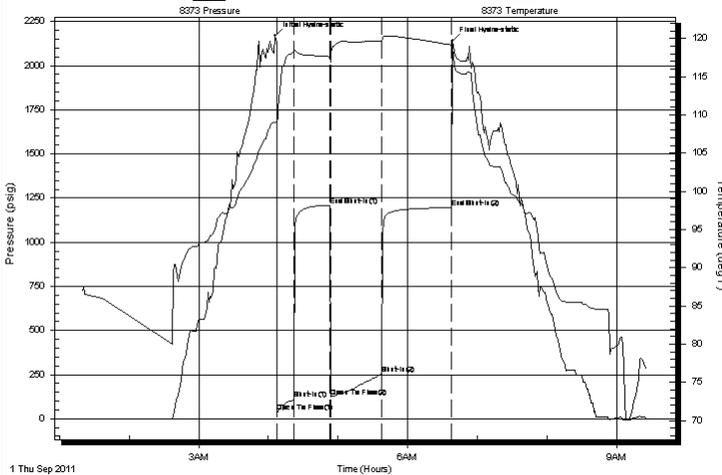
TEST COMMENT: IF: 1/4 blow BOB in 10 min.

IS: No return.

FF: Surface blow BOB in 16 min.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.06	108.92	Initial Hydro-static
2	37.12	108.22	Open To Flow (1)
17	109.28	118.17	Shut-In(1)
47	1208.93	117.60	End Shut-In(1)
48	120.76	116.95	Open To Flow (2)
92	252.65	119.59	Shut-In(2)
152	1196.27	119.16	End Shut-In(2)
153	2141.17	118.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	mcw 95%w 5%m	4.10
186.00	mcw 90%w 10%m	2.61

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43688

DST#: 3

ATTN: Tim Priest

Test Start: 2011.09.01 @ 01:20:08

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

20000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
372.00	mcw 95%w 5%m	4.098
186.00	mcw 90%w 10%m	2.609

Total Length: 558.00 ft Total Volume: 6.707 bbl

Num Fluid Samples: 0

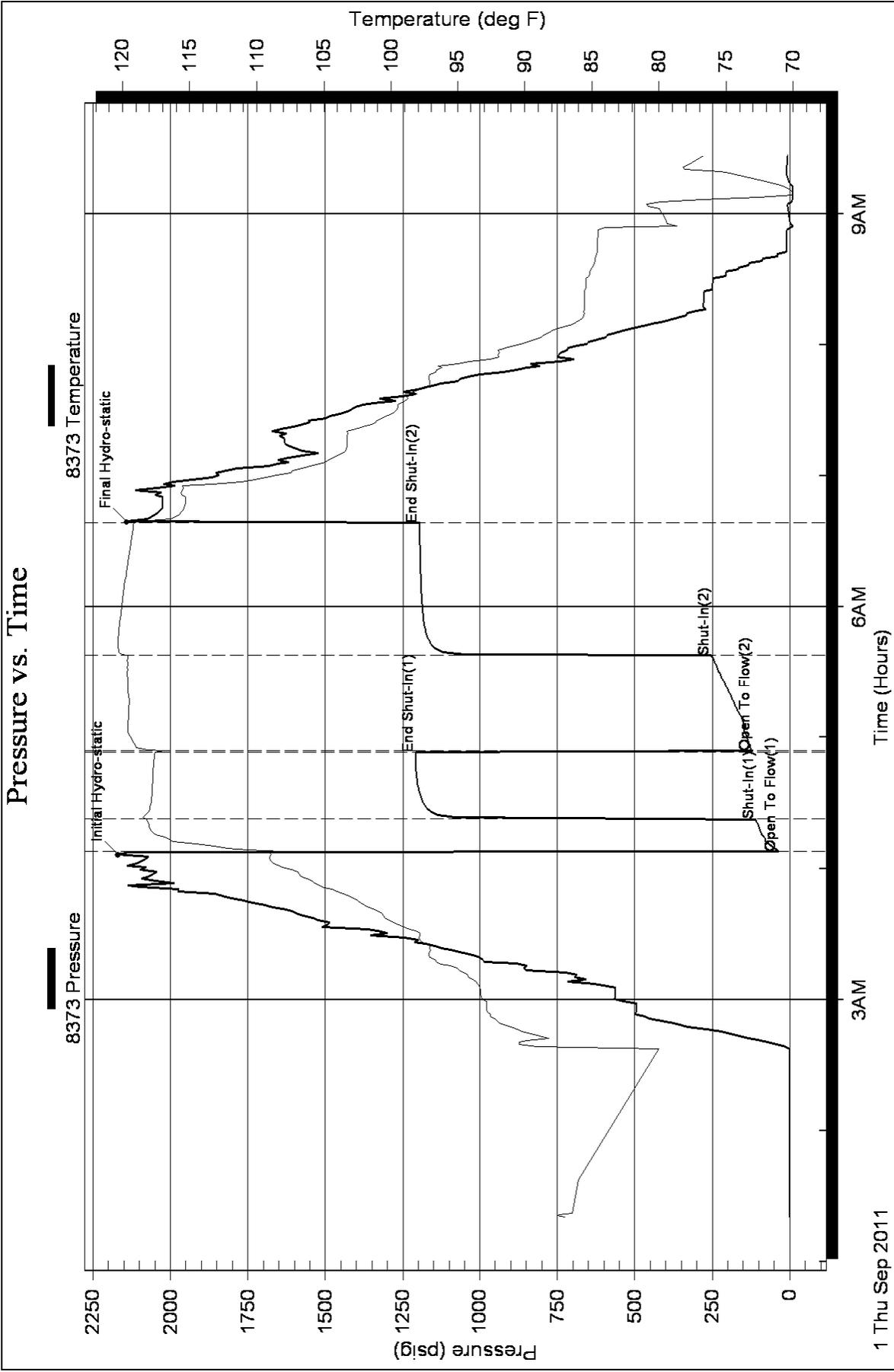
Num Gas Bombs: 0

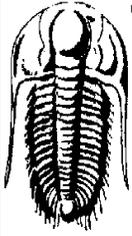
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .32@73=20000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43689

DST#: 4

Test Start: 2011.09.01 @ 19:15:37

GENERAL INFORMATION:

Formation: **J**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: 21:01:32 Tester: **Brandon Turley**
 Time Test Ended: 02:15:16 Unit No: **35**
Interval: 4277.00 ft (KB) To 4300.00 ft (KB) (TVD) Reference Elevations: **3130.00 ft (KB)**
 Total Depth: **4300.00 ft (KB) (TVD)** **3120.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

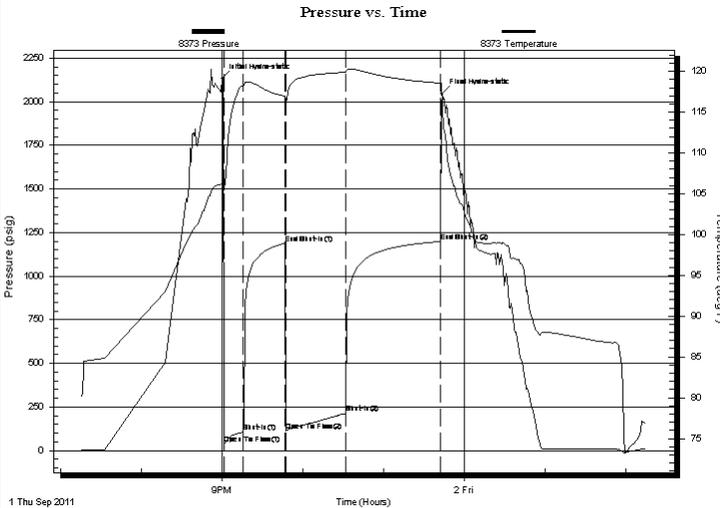
Serial #: 8373

Inside

Press @ Run Depth: 213.51 psig @ 4282.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.09.01 End Date: 2011.09.02 Last Calib.: 2011.09.02
 Start Time: 19:15:37 End Time: 02:15:16 Time On Btm: 2011.09.01 @ 21:00:02
 Time Off Btm: 2011.09.01 @ 23:43:31

TEST COMMENT: IF: 1/4 blow BOB in 13 min.
 IS: No return.
 FF: Surface blow BOB in 16 min.
 FS: No return.

PRESSURE SUMMARY



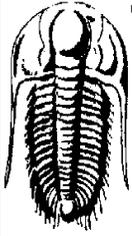
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.36	106.13	Initial Hydro-static
2	38.86	105.50	Open To Flow (1)
16	105.93	118.34	Shut-In(1)
47	1188.06	116.93	End Shut-In(1)
48	112.42	116.24	Open To Flow (2)
92	213.51	119.90	Shut-In(2)
162	1197.79	118.53	End Shut-In(2)
164	2046.62	115.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	water 100%w	2.36
186.00	mcw oil spots 80%w 20%m	2.61

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43689

DST#: 4

ATTN: Tim Priest

Test Start: 2011.09.01 @ 19:15:37

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
248.00	water 100%w	2.358
186.00	mcw oil spots 80%w 20%m	2.609

Total Length: 434.00 ft Total Volume: 4.967 bbl

Num Fluid Samples: 0

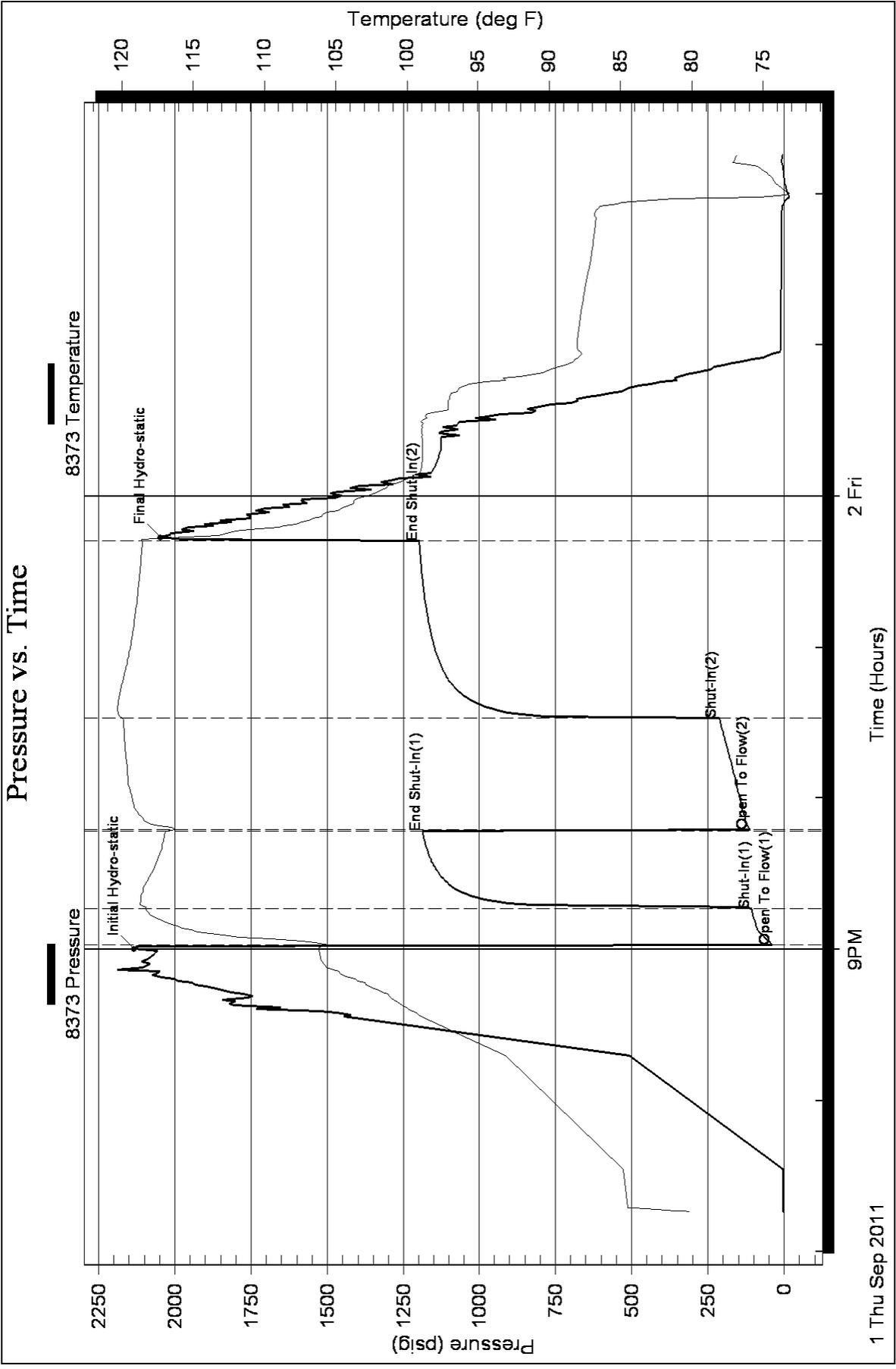
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .23@73=27000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43690

DST#: 5

Test Start: 2011.09.02 @ 11:45:42

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:40:07
 Time Test Ended: 18:55:51
 Interval: **4295.00 ft (KB) To 4330.00 ft (KB) (TVD)**
 Total Depth: 4330.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3130.00 ft (KB)
 3120.00 ft (CF)
 KB to GR/CF: 10.00 ft

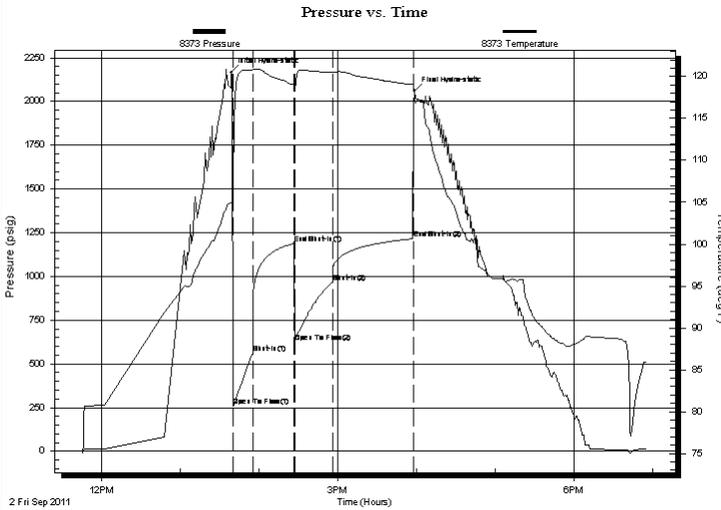
Serial #: 8373

Inside

Press @ RunDepth: 964.80 psig @ 4296.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.09.02 End Date: 2011.09.02 Last Calib.: 2011.09.02
 Start Time: 11:45:42 End Time: 18:55:51 Time On Btm: 2011.09.02 @ 13:38:52
 Time Off Btm: 2011.09.02 @ 15:58:37

TEST COMMENT: IF: BOB in 1 min.
 IS: No return.
 FF: BOB in 2 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2167.57	104.92	Initial Hydro-static
2	257.95	104.33	Open To Flow (1)
17	560.24	120.74	Shut-In(1)
48	1190.68	119.08	End Shut-In(1)
49	625.13	118.52	Open To Flow (2)
77	964.80	120.53	Shut-In(2)
139	1215.15	119.04	End Shut-In(2)
140	2060.39	117.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1705.00	water 100%w	22.80
248.00	mcw 90%w 10%m	3.48
279.00	mw 50%w 50%m	3.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43690

DST#: 5

ATTN: Tim Priest

Test Start: 2011.09.02 @ 11:45:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1705.00	water 100%w	22.796
248.00	mcw 90%w 10%m	3.479
279.00	mw 50%w 50%m	3.914

Total Length: 2232.00 ft Total Volume: 30.189 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

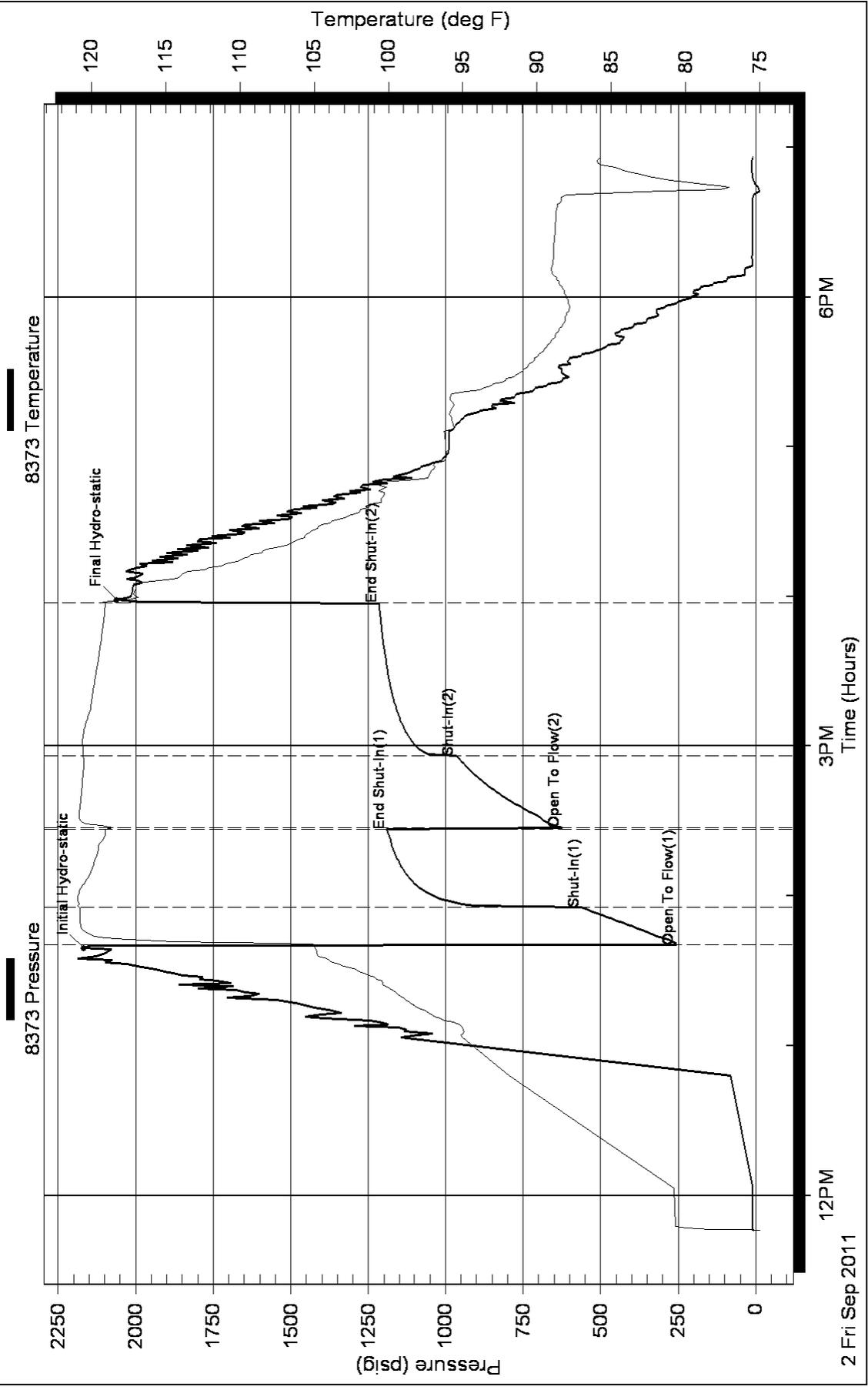
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .18@95=28000

Pressure vs. Time



2 Fri Sep 2011



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43691

DST#: 6

Test Start: 2011.09.03 @ 12:11:28

GENERAL INFORMATION:

Formation: **Pleasanton/ Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:12:23

Time Test Ended: 21:50:53

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4386.00 ft (KB) To 4453.00 ft (KB) (TVD)

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4453.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 666.17 psig @ 4387.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.03

End Date:

2011.09.03

Last Calib.:

2011.09.03

Start Time:

12:11:28

End Time:

21:50:53

Time On Btm:

2011.09.03 @ 14:10:38

Time Off Btm:

2011.09.03 @ 17:20:52

TEST COMMENT:

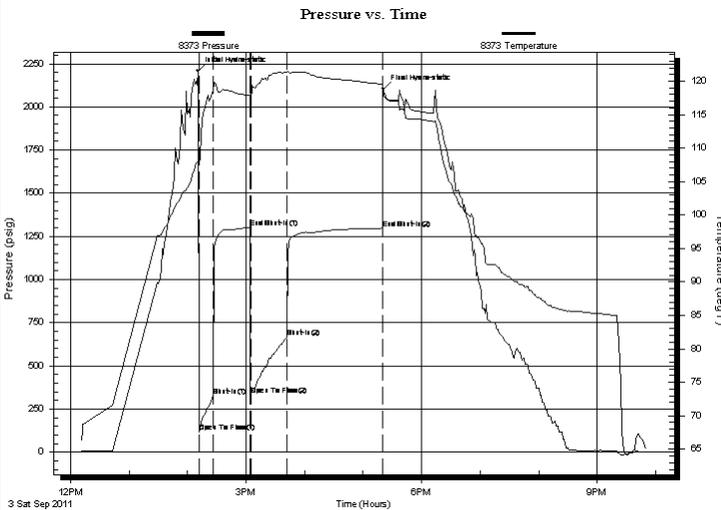
IF: BOB in 2 min.

IS: Surface blow died in 15 min.

FF: BOB in 2 1/2 min.

FS: Surface blow built to 6 in 90 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.74	108.02	Initial Hydro-static
2	119.57	107.69	Open To Flow (1)
16	323.74	118.51	Shut-In(1)
54	1303.40	117.92	End Shut-In(1)
54	330.56	117.20	Open To Flow (2)
92	666.17	121.32	Shut-In(2)
189	1297.97	119.56	End Shut-In(2)
191	2103.76	118.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocmw 10%o 80%w 10%m	0.62
124.00	gocw m 10%g 10%o 30%w 50%m	1.74
558.00	mw cgo 60%g 20%o 15%w 5%m	7.83
558.00	mw vgo 20%g 60%o 10%w 10%m	7.83
279.00	mw cgo 30%g 40%o 20%w 10%m	3.91
0.00	248 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43691

DST#: 6

ATTN: Tim Priest

Test Start: 2011.09.03 @ 12:11:28

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	ocmw 10%o 80%w 10%m	0.619
124.00	gocw m 10%g 10%o 30%w 50%m	1.739
558.00	mw cgo 60%g 20%o 15%w 5%m	7.827
558.00	mw vgo 20%g 60%o 10%w 10%m	7.827
279.00	mw cgo 30%g 40%o 20%w 10%m	3.914
0.00	248 GIP	0.000

Total Length: 1643.00 ft Total Volume: 21.926 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

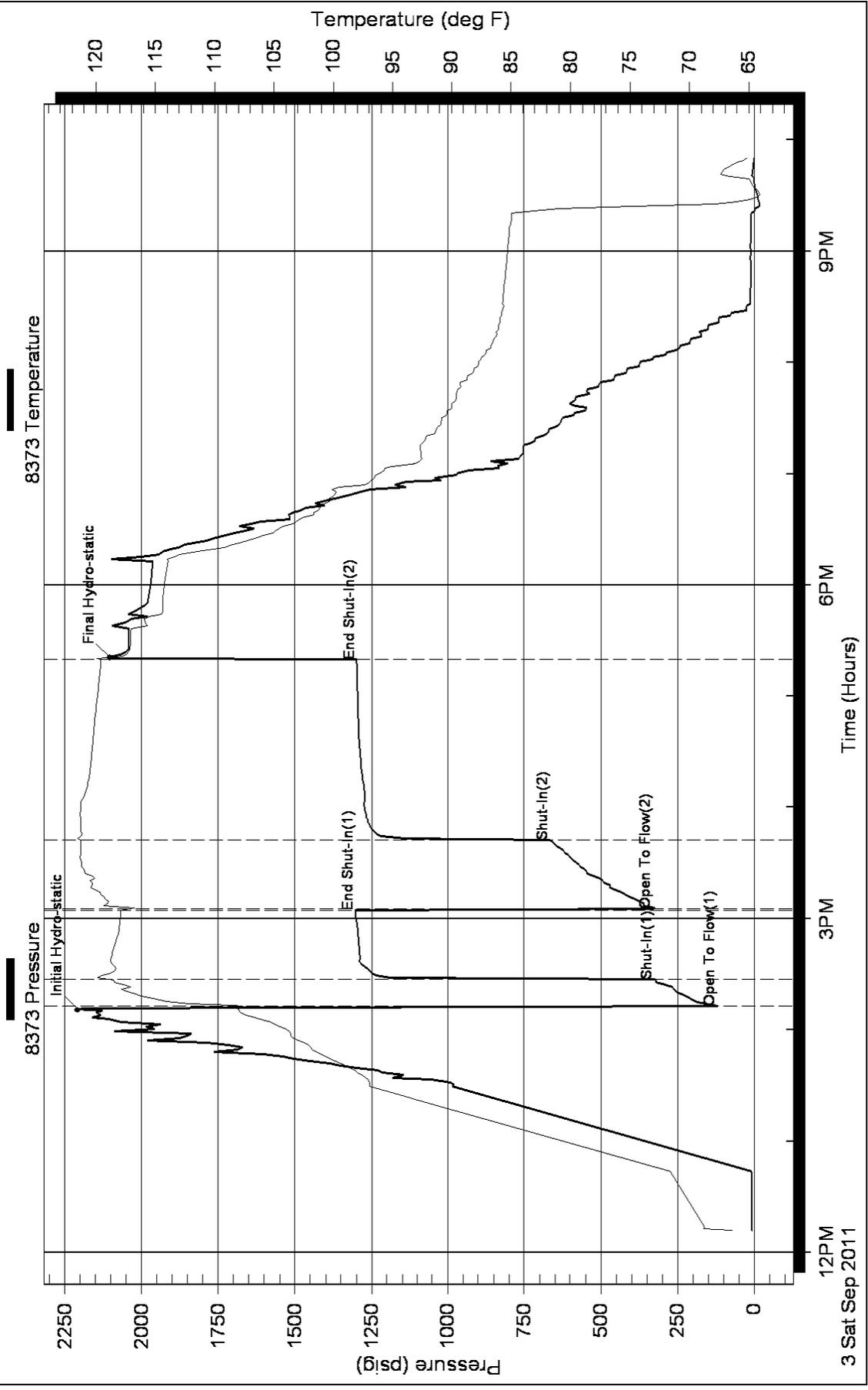
Serial #:

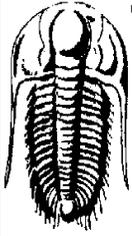
Laboratory Name:

Laboratory Location:

Recovery Comments: .28@68= 26000

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43692

DST#: 7

Test Start: 2011.09.04 @ 20:00:14

GENERAL INFORMATION:

Formation: **Marmaton B-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:19:39

Time Test Ended: 02:39:23

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4454.00 ft (KB) To 4504.00 ft (KB) (TVD)

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4504.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 30.97 psig @ 4455.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.04

End Date:

2011.09.05

Last Calib.:

2011.09.05

Start Time: 20:00:14

End Time:

02:39:23

Time On Btm:

2011.09.04 @ 22:17:09

Time Off Btm:

2011.09.05 @ 00:23:53

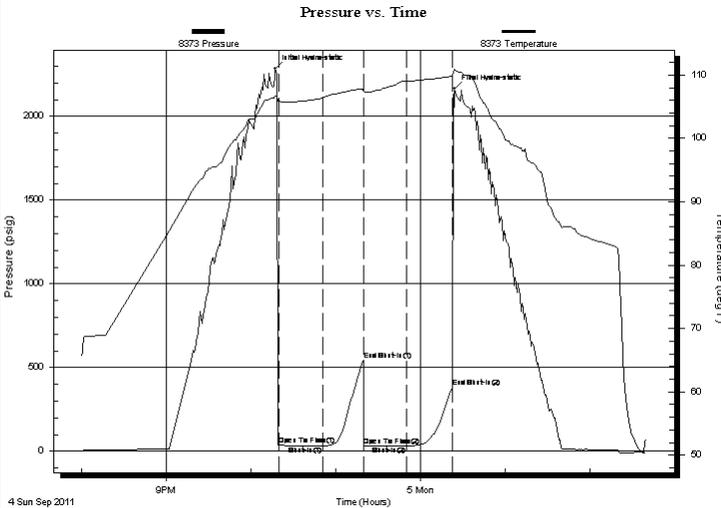
TEST COMMENT: IF: Surface blow died in 8 min.

IS: No return.

FF: No blow.

FS: No return.

PRESSURE SUMMARY



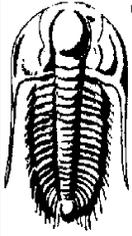
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.96	106.70	Initial Hydro-static
3	36.91	105.93	Open To Flow (1)
34	30.39	106.45	Shut-In(1)
63	545.29	107.85	End Shut-In(1)
63	32.21	107.48	Open To Flow (2)
93	30.97	108.99	Shut-In(2)
126	384.44	109.79	End Shut-In(2)
127	2164.52	110.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43692

DST#: 7

ATTN: Tim Priest

Test Start: 2011.09.04 @ 20:00:14

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

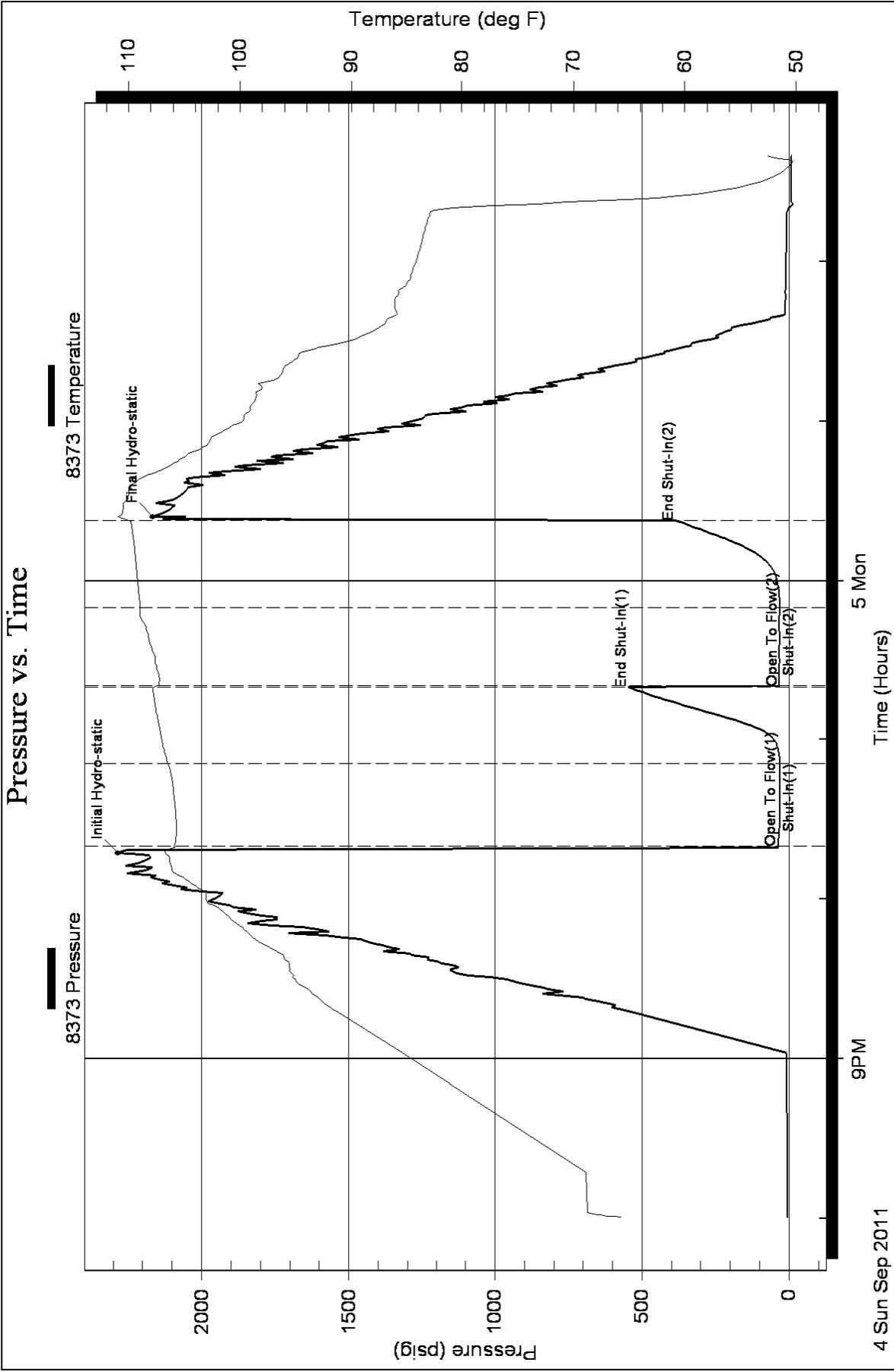
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43693

DST#: 8

Test Start: 2011.09.05 @ 18:05:00

GENERAL INFORMATION:

Formation: **Pawnee- Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:16:55

Time Test Ended: 00:45:24

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4504.00 ft (KB) To 4590.00 ft (KB) (TVD)

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4590.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 50.97 psig @ 4509.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.05

End Date:

2011.09.06

Last Calib.:

2011.09.06

Start Time: 18:05:00

End Time:

00:45:24

Time On Btm:

2011.09.05 @ 20:14:40

Time Off Btm:

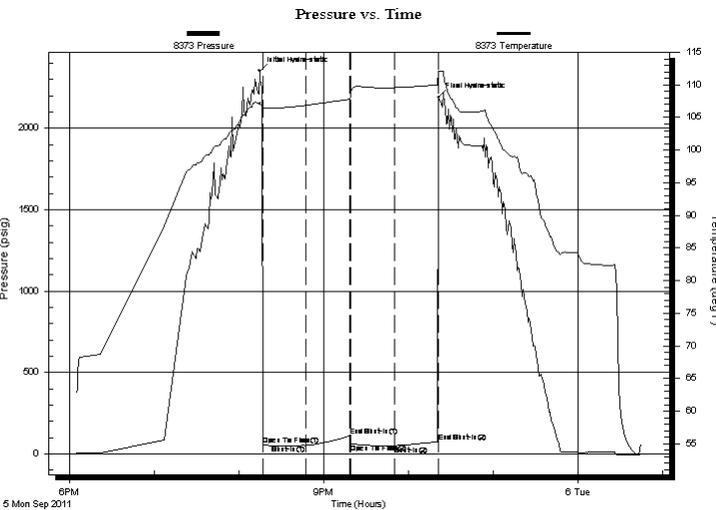
2011.09.05 @ 22:21:39

TEST COMMENT: IF: Surface blow died in 5 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

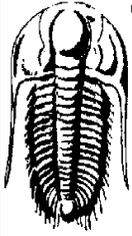
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2351.89	107.29	Initial Hydro-static
3	54.72	106.31	Open To Flow (1)
33	51.94	106.87	Shut-In(1)
64	112.16	107.81	End Shut-In(1)
65	61.40	108.21	Open To Flow (2)
96	50.97	109.56	Shut-In(2)
127	74.23	110.00	End Shut-In(2)
127	2190.47	112.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud oil spots 100%m	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43693

DST#: 8

ATTN: Tim Priest

Test Start: 2011.09.05 @ 18:05:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 11.18 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 9600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud oil spots 100%m	0.295

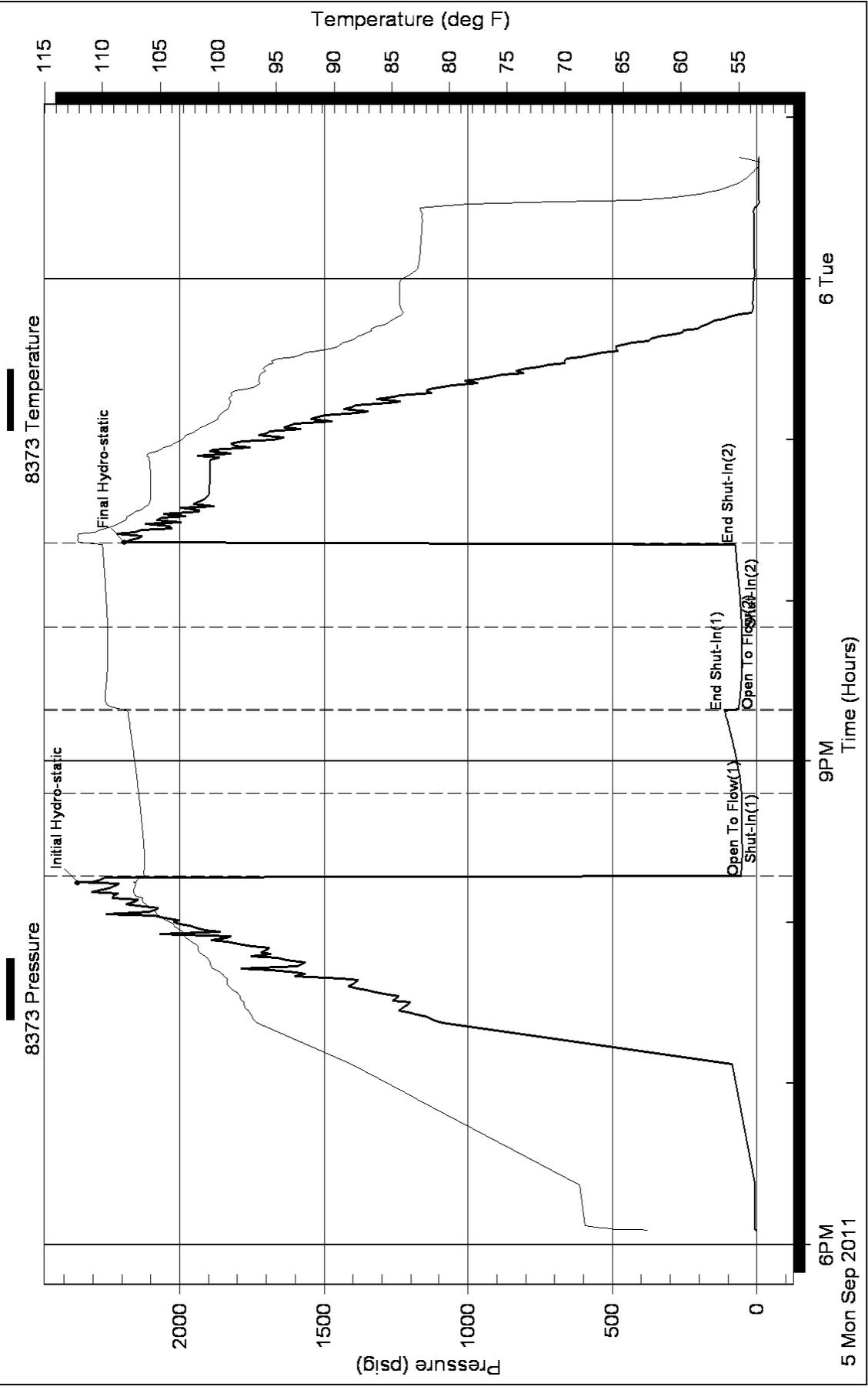
Total Length: 60.00 ft Total Volume: 0.295 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43694

DST#: 9

Test Start: 2011.09.06 @ 17:55:27

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:10:22

Time Test Ended: 02:12:06

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4617.00 ft (KB) To 4702.00 ft (KB) (TVD)

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4702.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 63.18 psig @ 4622.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.06

End Date:

2011.09.07

Last Calib.:

2011.09.07

Start Time:

17:55:27

End Time:

02:12:06

Time On Btm:

2011.09.06 @ 20:08:37

Time Off Btm:

2011.09.06 @ 23:46:51

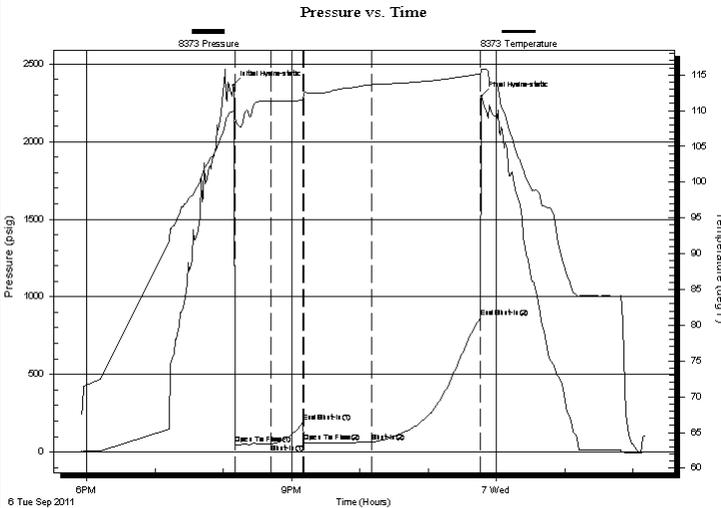
TEST COMMENT: IF: Surface blow died in 12 min.

IS: No return.

FF: Surface blow built to 3 in 60 min.

FS: No return.

PRESSURE SUMMARY



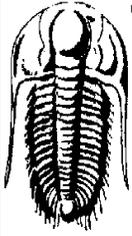
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2363.11	110.01	Initial Hydro-static
2	49.61	109.14	Open To Flow (1)
33	50.93	111.38	Shut-In(1)
62	190.44	111.47	End Shut-In(1)
63	61.50	112.40	Open To Flow (2)
122	63.18	113.63	Shut-In(2)
218	867.51	115.13	End Shut-In(2)
219	2291.42	115.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 5%o 95%m	0.30
62.00	mud oil spots 100%m	0.31

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43694

DST#: 9

ATTN: Tim Priest

Test Start: 2011.09.06 @ 17:55:27

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	ocm 5%o 95%m	0.305
62.00	mud oil spots 100%m	0.314

Total Length: 124.00 ft

Total Volume: 0.619 bbl

Num Fluid Samples: 0

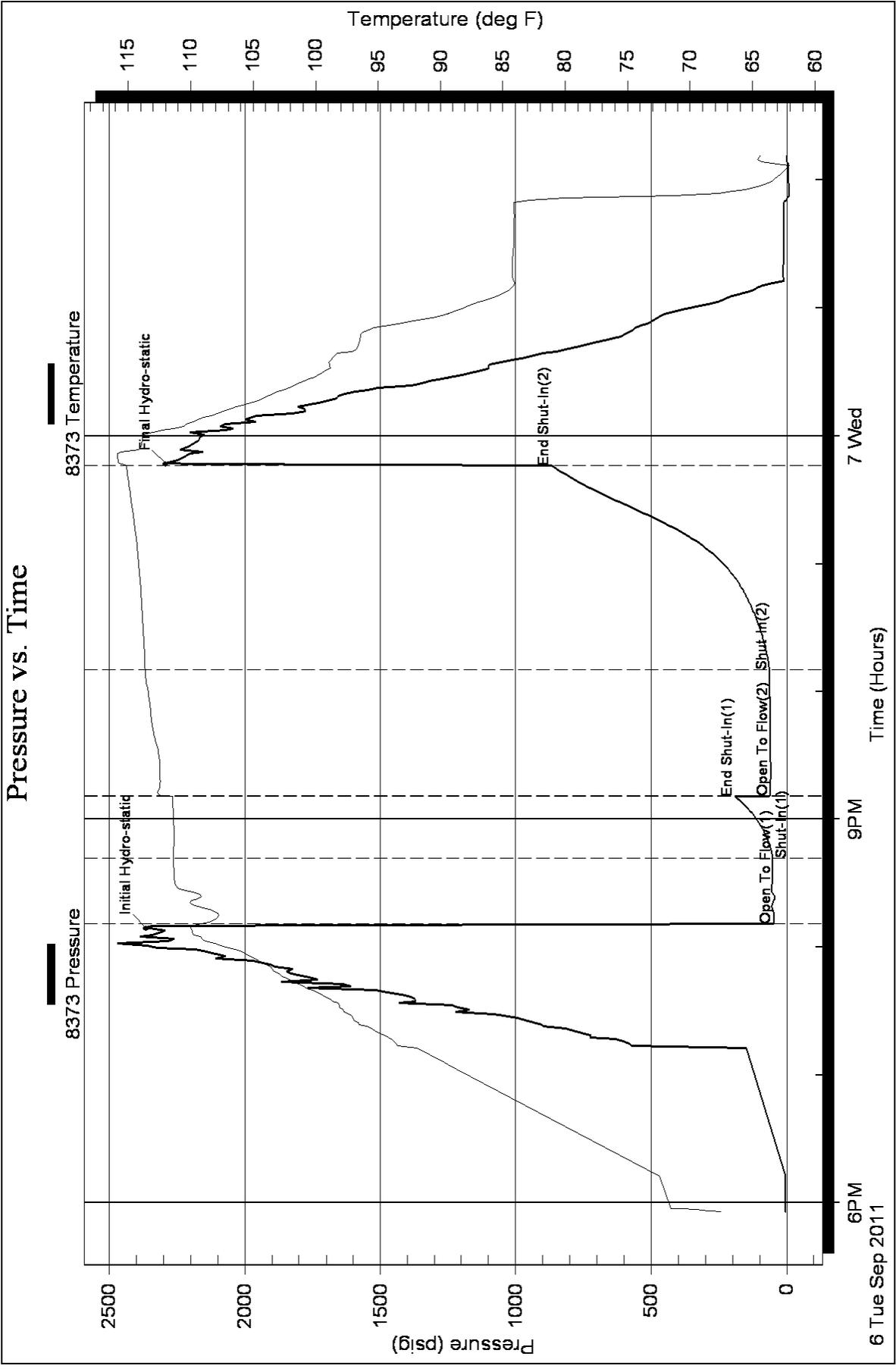
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

October 12, 2011

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

Re: ACO1
API 15-171-20827-00-00
Nichols 1-15
NE/4 Sec.15-16S-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,
Donald R. Williams