



KANSAS CORPORATION COMMISSION 1065675  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1065675

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
---	---

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Scheetz 2-16
Doc ID	1065675

All Electric Logs Run

Array Induction
Photo Density
Comp. Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Scheetz 2-16
Doc ID	1065675

Tops

Name	Top	Datum
B/Anhydrite	2518	+515
Heebner Sh	3976	-943
Lansing	4019	-986
Stark Sh	4254	-1221
BKC	4324	-1291
Pawnee	4447	-1414
Cherokee Sh	4532	-1499
Morrow Sh	4614	-1581
Miss	4648	-1615



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

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

# INVOICE

Invoice Number: 128583  
 Invoice Date: Sep 13, 2011  
 Page: 1

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

Federal Tax I.D.#: 20-5975804

*File*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Scheetz #2-16	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Sep 13, 2011	10/13/11

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	16.25	2,681.25
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
174.00	SER	Handling	2.25	391.50
16.00	SER	Mileage 174 sx @.11 per sk per mi	19.14	306.24
1.00	SER	Surface	1,125.00	1,125.00
32.00	SER	Pump Truck Mileage	7.00	224.00
32.00	SER	Light Vehicle Mileage	4.00	128.00
1.00	CEMENTER	Larene Wentz		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Earl Rebarckek		

*INT*

**RECEIVED**  
 SEP 26 2011

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

\$ 1053.79

ONLY IF PAID ON OR BEFORE  
Oct 8, 2011

Subtotal	5,268.94
Sales Tax	225.88
Total Invoice Amount	5,494.82
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,494.82</b>

*DW*

# ALLIED CEMENTING CO., LLC. 043413

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Oakley, ks

DATE <u>9-13-11</u>	SEC. <u>16</u>	TWP. <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00pm</u>	JOB FINISH <u>7:30pm</u>
LEASE <u>Sehectz</u>	WELL# <u>2-16</u>	LOCATION <u>Oakley, ks 135, 16, 15</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>View photo</u>					

CONTRACTOR Ual #7 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/8" TD. 224' CEMENT AMOUNT ORDERED 165 sks com 3% cc

CASING SIZE 8 7/8" DEPTH 224.26' 290 gal

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 165 sks @ 16.25 2681.25

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. 15' OBL 3 sks @ 21.25 63.75

PERFS. CHLORIDE 6 sks @ 58.20 349.20

DISPLACEMENT 13.33 bbl ASC @

EQUIPMENT @

PUMP TRUCK CEMENTER La Rene @

# 386/28 HELPER Derry @

BULK TRUCK @

# 404 DRIVER Earl @

BULK TRUCK @

# DRIVER @

HANDLING 174 sks @ 2.25 391.50

MILEAGE 16.5 sks/mile 306.24

REMARKS:

TOTAL

Cement did circulate

Thank you

CHARGE TO: Shakespeare Oil Co.

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB 224.26'

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @

MILEAGE 16 x 2 @ 7.00 224.00

MANIFOLD @

Light vehicle mileage @ 8.00 128.00

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE [Signature]

DATE



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

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

# INVOICE

Invoice Number: 128719  
 Invoice Date: Sep 26, 2011  
 Page: 1

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

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Scheetz #2-16	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Sep 26, 2011	10/26/11

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	16.25	2,145.00
88.00	MAT	Pozmix	8.50	748.00
8.00	MAT	Gel	21.25	170.00
55.00	MAT	Flo Seal	2.70	148.50
230.00	SER	Handling	2.25	517.50
16.00	SER	Mileage 230 sx @.11 per sk per mi	25.30	404.80
1.00	SER	Plug to Abandon	1,250.00	1,250.00
32.00	SER	Pump Truck Mileage	7.00	224.00
32.00	SER	Light Vehicle Mileage	4.00	128.00
1.00	EQP	8.5/8 Dry Hole Plug	92.00	92.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Earl Rebarchek		

*INT*

*10502-17 Cement for Plugging*

*Jr*

**RECEIVED**  
 OCT 11 2011

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

\$ 1165.56

ONLY IF PAID ON OR BEFORE  
 Oct 21, 2011

Subtotal	5,827.80
Sales Tax	241.16
Total Invoice Amount	6,068.96
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,068.96</b>

*DW*

# ALLIED CEMENTING CO., LLC. 043501

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley

DATE <u>9-26-11</u>	SEC. <u>16</u>	TWP. <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00pm</u>	JOB FINISH <u>2:00pm</u>
LEASE <u>sheet 2</u>	WELL# <u>2-16</u>	LOCATION <u>Oakley 13s 1w</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>15 Yaw Ninto</u>			

CONTRACTOR Vol 7

TYPE OF JOB PTA

HOLE SIZE 2 7/8 T.D. 4732

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 2510'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER same

CEMENT AMOUNT ORDERED 220 sks 6940

90 gal 14# Flo-seal

COMMON 132 sks @ 16.25 2145.00

POZMIX 88 sks @ 8.50 748.00

GBL 8 sks @ 21.25 170.00

CHLORIDE @ \_\_\_\_\_

ASC @ \_\_\_\_\_

Flo-seal 55# @ 2.70 148.50

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING 230 sks @ 2.25 517.50

MILEAGE 118 sk/mile 404.80

TOTAL 4133.80

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

# 386-281 HELPER Jerry

BULK TRUCK

# 396 DRIVER Earl

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

25 sks @ 2510'

100 sks @ 1425'

40 sks @ 265'

12 sks @ 40'

15 sks mouse hole

30 sks Rat hole

Thank you

CHARGE TO: Shakespeare oil + gas

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB 2510'

PUMP TRUCK CHARGE 1250.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 16 miles x 2 @ 7.00 224.00

MANIFOLD @ \_\_\_\_\_

light vehicle @ 4.00 128.00

TOTAL 1602.00

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

PRINTED NAME James Shultz

SIGNATURE [Signature]

PLUG & FLOAT EQUIPMENT

858

1 Dry hole plug @ 92.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 92.00

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

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

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



# Sean Deenihan

## Petroleum Geologists

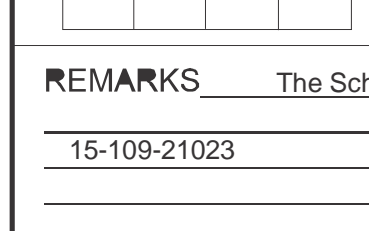
15-109-21023

### GEOLOGIST'S REPORT

### DRILLING TIME AND SAMPLE LOG

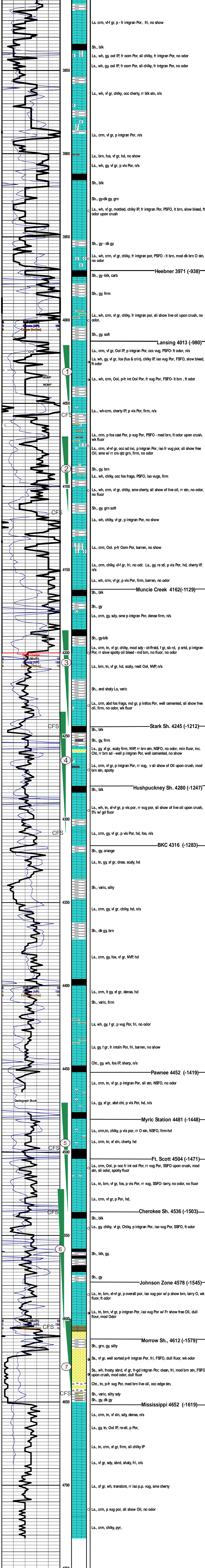
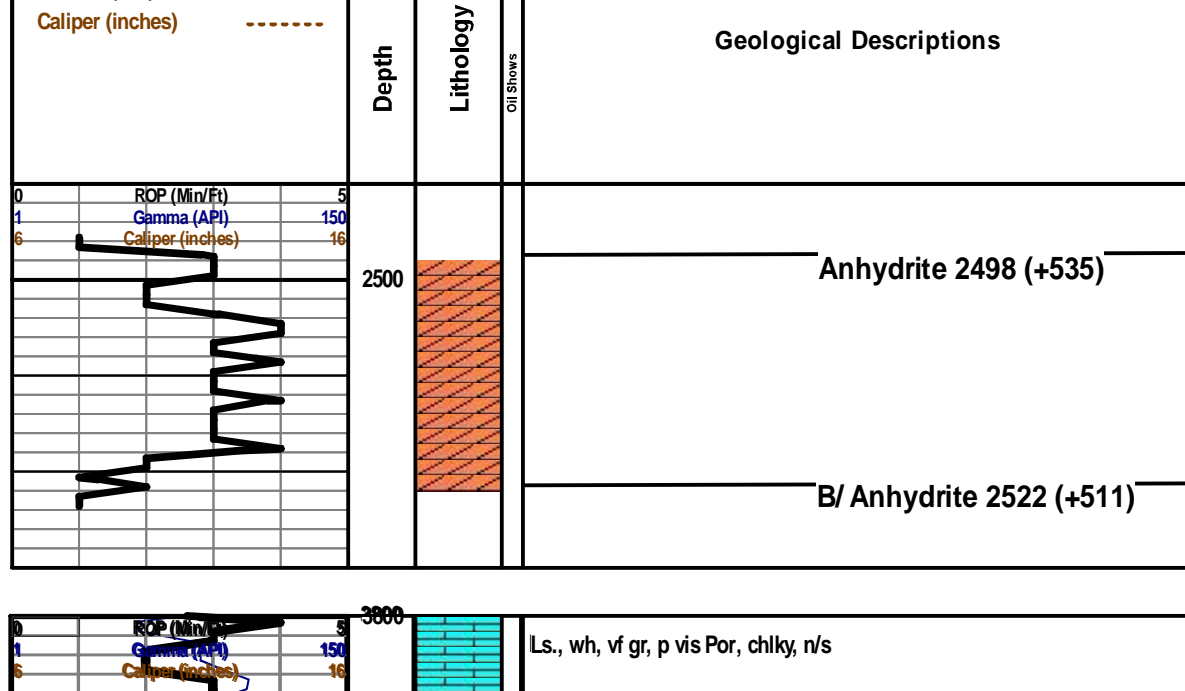
COMPANY	Shakespeare Oil Co., Inc.	ELEVATIONS	KB 2033'
LEASE	Scheetz #2-16	DF	
FIELD	Wildcat	GL 2023'	
LOCATION	335' FSL & 1300' TEL	Measurements Are All From Kelly Bushing	
SEC	16 TWSP 13S RGE 32W	CASING	CONDUCTOR SURFACE 8-5/8" @ 214'
COUNTY	Logan STATE Kansas	TYPE MUD	Chemical
CONTRACTOR	Val Rig #7	SPUD	9/5/2011 COMP 9/26/2011
RTD	4732'	LTD	4730'
MUD UP	3400'	TYPE MUD	Chemical
SAMPLES SAVED FROM	3800' TO RTD	SAMPLES KEPT FROM	3800' TO RTD
DRILLING TIME EXAMINED FROM	3800' TO RTD	SAMPLES EXAMINED FROM	3800' TO RTD
GEOLOGICAL SUPERVISION FROM 3800'			
REFERENCE WELL: Shakespeare-Scheetz #1-16			

Formation	Sample Tops	E-log Tops	Strat Pos.
B/Anhydrite	2522 (+511)	2524 (+509)	
Heebner Sh.	3971 (-938)	3976 (-943)	
Lansing	4013 (-980)	4019 (-986)	
Stark Sh.	4265 (-1212)	4254 (-1221)	
BKC	4316 (-1283)	4316 (-1283)	
Pawnee	4452 (-1419)	4448 (-1415)	
Cherokee Sh.	4536 (-1503)	4532 (-1499)	
Morrow Sh.	4612 (-1579)	4614 (-1581)	
Miss	4652 (-1619)	4648 (-1615)	



REMARKS The Scheetz #2-16 was evaluated thoroughly, and the decision was made to plug and abandon.

15-109-21023 Respectfully Submitted, Sean Deenihan



MUD-CO Mud Check @ 4007' 9.0 Wt 67Vis 2# LCM 3K Chl

Strap @ 4057' = 1.02 LTB Survey = .75 deg

DST # 1 4015-4057' 10-30-30-60"

IF: BOB 1.5 Min no BB  
FF: BOB 2 Min no BB

REC: 279' WM (25%W, 75%M) 1426' MW (10%M, 90%W)

IFP: 138-351# FFP: 382-821# SIP: 1192-1184# HP: 2038-1922#

BHT: 121 F Chl: 50K

DST # 2 4070-4115' 30-30-45-60"

IF: WB to 2" no BB  
FF: WB to 1.5" no BB

REC: 57' W

IFP: 31-40# FFP: 43-52# SIP: 1128-1106# HP: 2017-1937#

BHT = 113F

MUD-CO Mud Check @ 4118' 9.1 Wt 64 Vis 4# LCM 4.8K Chl

DST # 3 4186-4244 30-30-30-30

IF: WB 0.5" No BB  
FF: No blow No BB

REC: 15' M

IFP: 46-52# FFP: 49-51# SIP: 1124-1064# HP: 2120-2047#

BHT 118 F

MUD-CO Mud Check @ 4245' 9.3 Wt 75+ Vis 4# LCM 6K Chl

DST # 4 4237-4308' 30-30-30-30"

IF: WB 1/4" No BB  
FF: No blow No BB

REC: 8' M w/ O spts

IFP: 47-52# FFP: 44-61# SIP: 215-99# HP: 2163-2110#

BHT 113 F

DST # 5 4470-4536' 30-30-30-60"

IF: 2" No BB  
FF: No Blow No BB

REC: 30' M w/ O spts

IFP: 43-44# FFP: 44-61# SIP: 2182-86# HP: 2197-2165#

BHT 113 F

MUD-CO Mud Check @ 4604' 9.2 Wt 52 Vis 3# LCM 5.8K Chl

DST # 6 4549-4586 30-30-60-90

IF: 6" No BB  
FF: 7" No BB

REC: 62' MCGO (20%G, 70%O, 10%M) 236' MCGO (40%G, 50%O, 10%M)

IFP: 18-90# FFP: 102-117# SIP: 1089-1062# HP: 2325-2231#

MUD-CO Mud Check @ 4604' 9.3 Wt 52 Vis 3# LCM 5.8K Chl

DST # 7 4600-4645 30-30-60-90

IF: 6.5" No BB  
FF: 8" No BB

REC: 149' OCM (1%O, 99%M) 62' OGCM (2%G, 1%O, 97%M)

IFP: 23-58# FFP: 54-83# SIP: 941-900# HP: 2325-2231#

MUD-CO Mud Check @ 4645' 9.3 Wt 55 Vis 3# LCM 5.8K Chl



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

ATTN: Don Williams

Job Ticket: 44633

**DST#: 1**

Test Start: 2011.09.18 @ 18:16:48

## GENERAL INFORMATION:

Formation: **Lansing A&B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:18:18

Time Test Ended: 05:29:48

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

**Interval: 4015.00 ft (KB) To 4057.00 ft (KB) (TVD)**

Reference Elevations: 3233.00 ft (KB)

Total Depth: 4057.00 ft (KB) (TVD)

3223.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8321**

**Inside**

Press @RunDepth: 820.53 psig @ 4052.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.18

End Date:

2011.09.19

Last Calib.:

2011.09.19

Start Time: 18:16:49

End Time:

05:29:48

Time On Btm:

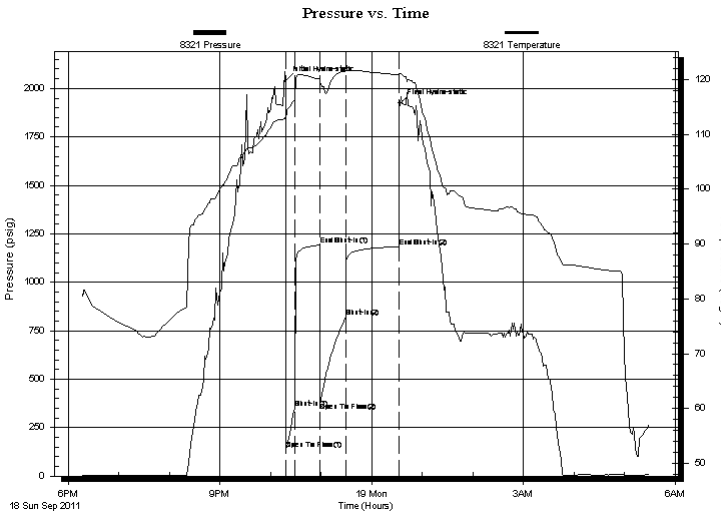
2011.09.18 @ 22:17:48

Time Off Btm:

2011.09.19 @ 00:33:18

**TEST COMMENT:** IFP-Strong blow BOB in 1 1/2 min  
ISI-Dead no blow back  
FFP-Strong blow BOB in 2 min  
FSI-Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2038.00	113.21	Initial Hydro-static
1	137.98	112.74	Open To Flow (1)
11	350.83	116.16	Shut-In(1)
41	1191.67	120.05	End Shut-In(1)
41	381.67	119.69	Open To Flow (2)
71	820.53	121.51	Shut-In(2)
135	1184.27	120.85	End Shut-In(2)
136	1922.29	121.04	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
279.00	WM 25%W75%M	3.91
1426.00	MW 10%M90%W	20.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co INC

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

Job Ticket: 44633

**DST#: 1**

ATTN: Don Williams

Test Start: 2011.09.18 @ 18:16:48

## 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: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
279.00	WM 25%W75%M	3.914
1426.00	MW 10%M90%W	20.003

Total Length: 1705.00 ft      Total Volume: 23.917 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

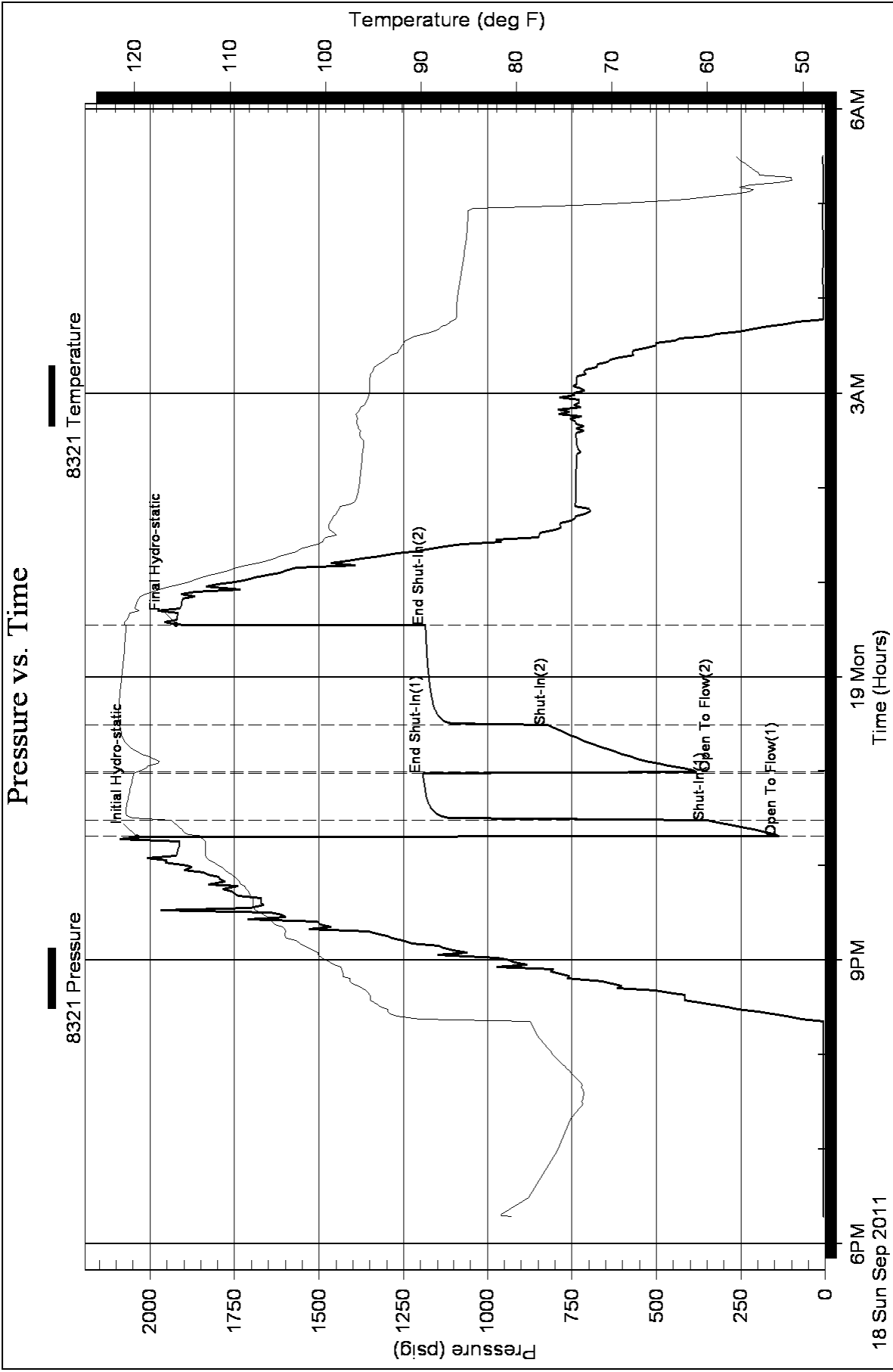
Serial #: 8321

Inside

Shakespeare Oil Co INC

16-13s-32w - Logan

DST Test Number: 1





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

ATTN: Don Williams

Job Ticket: 44634

**DST#: 2**

Test Start: 2011.09.19 @ 16:24:30

## GENERAL INFORMATION:

Formation: **LKC-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:47:30

Time Test Ended: 23:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 4070.00 ft (KB) To 4115.00 ft (KB) (TVD)**

Reference Elevations: 3033.00 ft (KB)

Total Depth: 4115.00 ft (KB) (TVD)

3023.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: 51.66 psig @ 4107.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.19

End Date:

2011.09.19

Last Calib.:

2011.09.19

Start Time: 16:24:31

End Time:

23:17:30

Time On Btm:

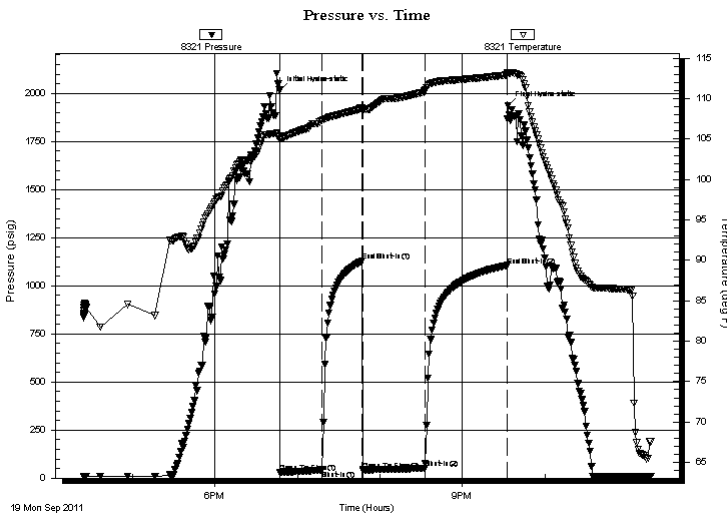
2011.09.19 @ 18:47:00

Time Off Btm:

2011.09.19 @ 21:33:30

**TEST COMMENT:** IFP-Weak blow built to 2 in  
ISI-Dead no blow back  
FFP-Weak blow built to 1 1/2 in  
FSI-Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2016.69	105.40	Initial Hydro-static
1	31.05	105.07	Open To Flow (1)
31	39.90	107.25	Shut-In(1)
60	1128.35	108.92	End Shut-In(1)
61	42.83	108.48	Open To Flow (2)
106	51.66	110.95	Shut-In(2)
166	1105.67	112.95	End Shut-In(2)
167	1937.37	113.22	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
57.00	Mud	0.80

## 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

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

Job Ticket: 44634

**DST#: 2**

ATTN: Don Williams

Test Start: 2011.09.19 @ 16:24:30

## 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: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
57.00	Mud	0.800

Total Length: 57.00 ft      Total Volume: 0.800 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

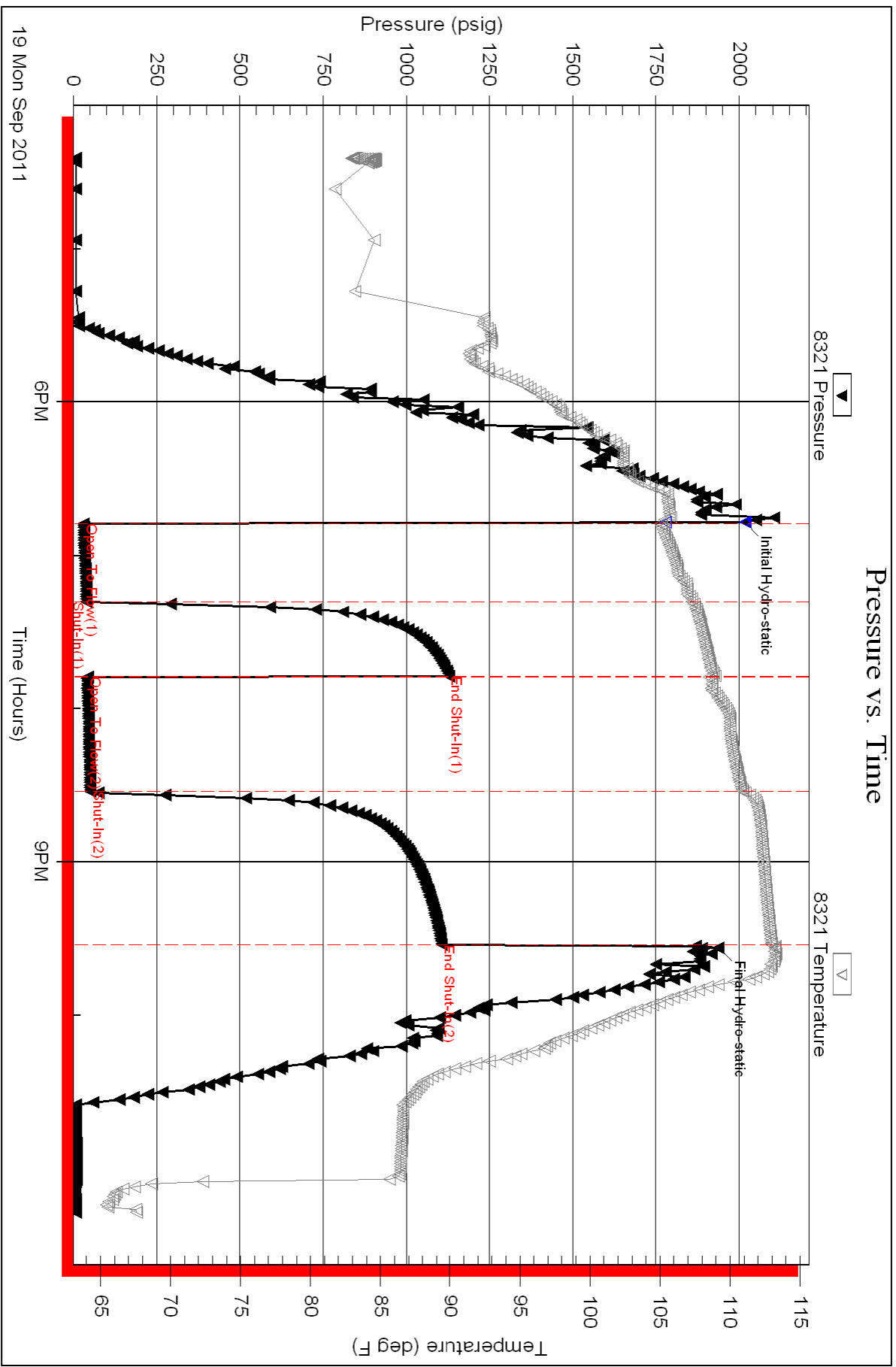
Serial #: 8321

Inside

Shakespeare Oil Co INC

16-13s-32w -Logan

DST Test Number: 2





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC

202 W Main st  
Salem IL 62881 + 1519

ATTN: Don Williams

**Scheetz 2-16**

**16-13s-32w-Logan**

Job Ticket: 44635

**DST#: 3**

Test Start: 2011.09.20 @ 14:59:34

## GENERAL INFORMATION:

Formation: **Lansing I & J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:55:04

Time Test Ended: 01:04:04

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 4186.00 ft (KB) To 4244.00 ft (KB) (TVD)**

Reference Elevations: 3033.00 ft (KB)

Total Depth: 4244.00 ft (KB) (TVD)

3023.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: 51.33 psig @ 4224.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.20

End Date:

2011.09.21

Last Calib.: 2011.09.21

Start Time: 14:59:35

End Time:

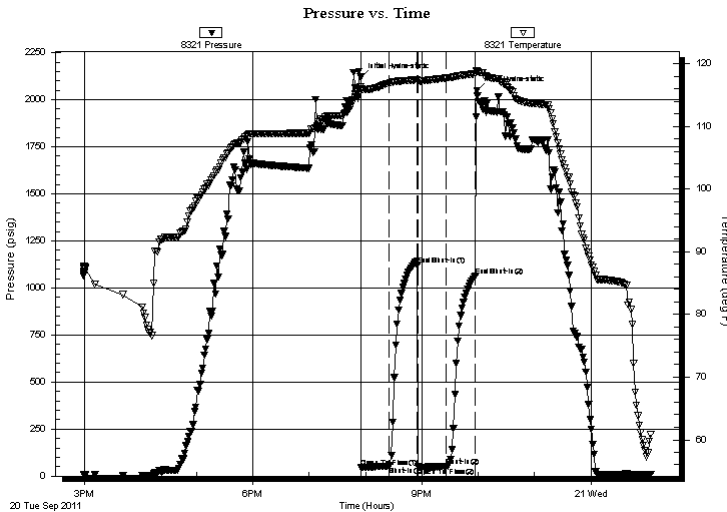
01:04:04

Time On Btm: 2011.09.20 @ 19:54:34

Time Off Btm: 2011.09.20 @ 21:58:34

**TEST COMMENT:** IFP-Weak blow built to 1/2 in  
ISI-Dead no blow back  
FFP-Dead no blow  
FSI-Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2119.59	116.34	Initial Hydro-static
1	45.80	115.90	Open To Flow (1)
31	52.05	116.88	Shut-In(1)
61	1123.61	117.44	End Shut-In(1)
61	49.29	117.21	Open To Flow (2)
92	51.33	117.69	Shut-In(2)
123	1064.43	118.38	End Shut-In(2)
124	2046.65	118.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.21

## 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

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

Job Ticket: 44635

**DST#: 3**

ATTN: Don Williams

Test Start: 2011.09.20 @ 14:59:34

## 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: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

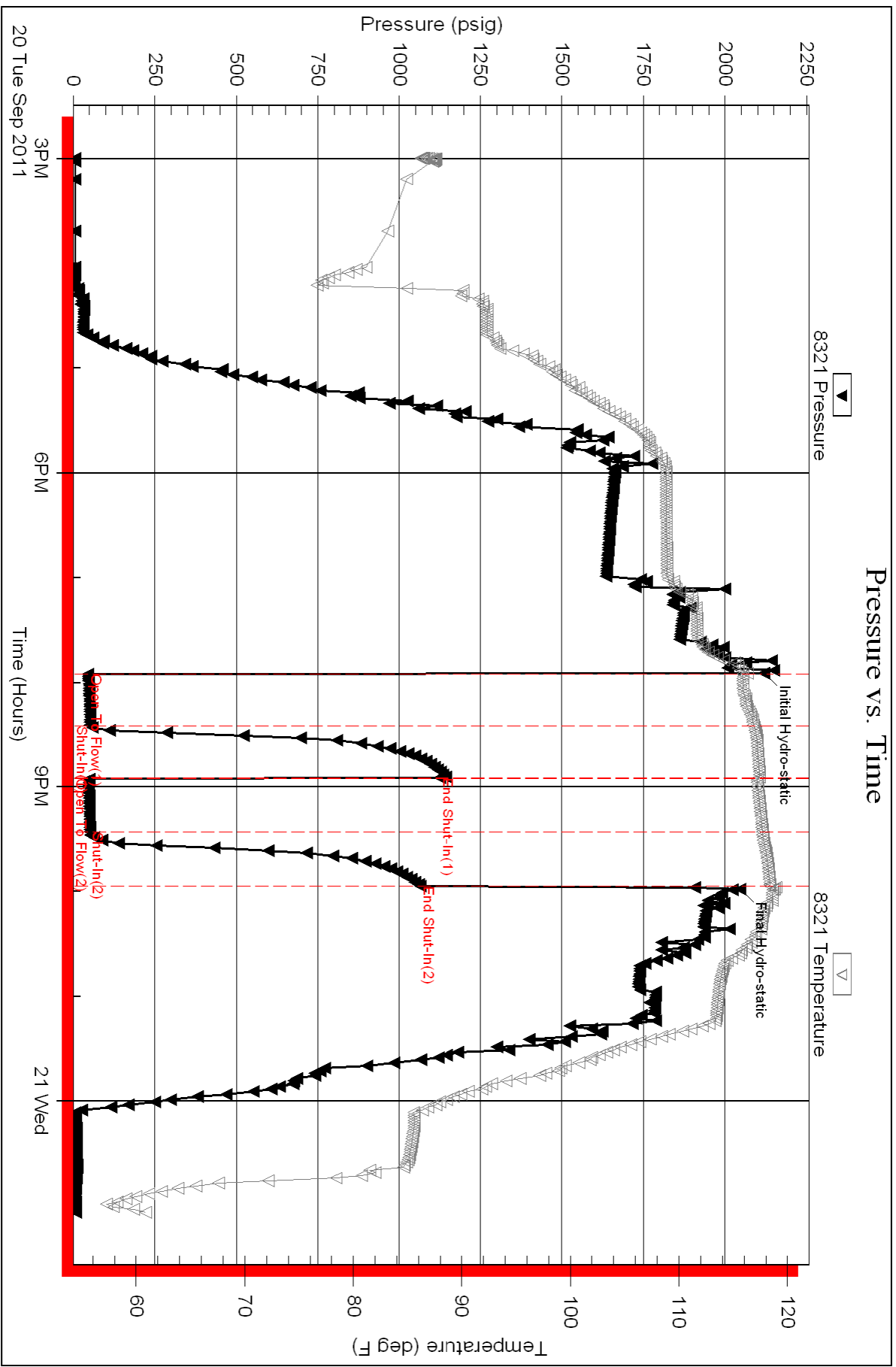
Serial #: 8321

Inside

Shakespeare Oil Co INC

16-13s-32w - Logan

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 44635

Printed: 2011.09.21 @ 08:38:12



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC

202 W Main st  
Salem IL 62881 + 1519

ATTN: Don Williams

**Scheetz 2-16**

**16-13s-32w-Logan**

Job Ticket: 44636

**DST#: 4**

Test Start: 2011.09.21 @ 12:58:27

## GENERAL INFORMATION:

Formation: **LKC-K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:46:27

Time Test Ended: 20:29:57

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 4237.00 ft (KB) To 4308.00 ft (KB) (TVD)**

Reference Elevations: 3033.00 ft (KB)

Total Depth: 4308.00 ft (KB) (TVD)

3023.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: 51.89 psig @ 4276.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.21 End Date: 2011.09.21

Last Calib.: 2011.09.21

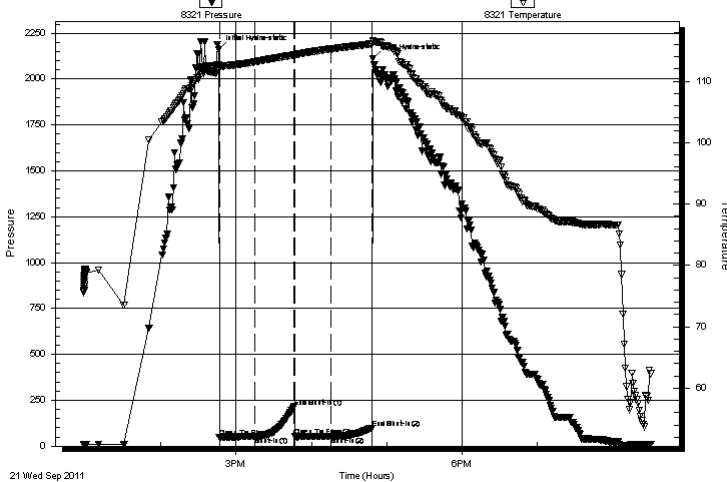
Start Time: 12:58:28 End Time: 20:29:57

Time On Btm: 2011.09.21 @ 14:45:57

Time Off Btm: 2011.09.21 @ 16:48:57

**TEST COMMENT:** IFP-Weak blow built to 1/8 in  
ISI-Dead no blow back  
FFP-Dead no blow  
FSI-Dead no blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.00	112.70	Initial Hydro-static
1	46.54	112.21	Open To Flow (1)
29	52.36	113.19	Shut-In(1)
60	214.09	114.30	End Shut-In(1)
61	51.07	114.31	Open To Flow (2)
89	51.89	115.27	Shut-In(2)
122	99.05	116.10	End Shut-In(2)
123	2110.49	116.68	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
8.00	Mud w ith Oil spots	0.11

\* 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

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

Job Ticket: 44636

**DST#: 4**

ATTN: Don Williams

Test Start: 2011.09.21 @ 12:58:27

## 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: 75.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Mud with Oil spots	0.112

Total Length: 8.00 ft      Total Volume: 0.112 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

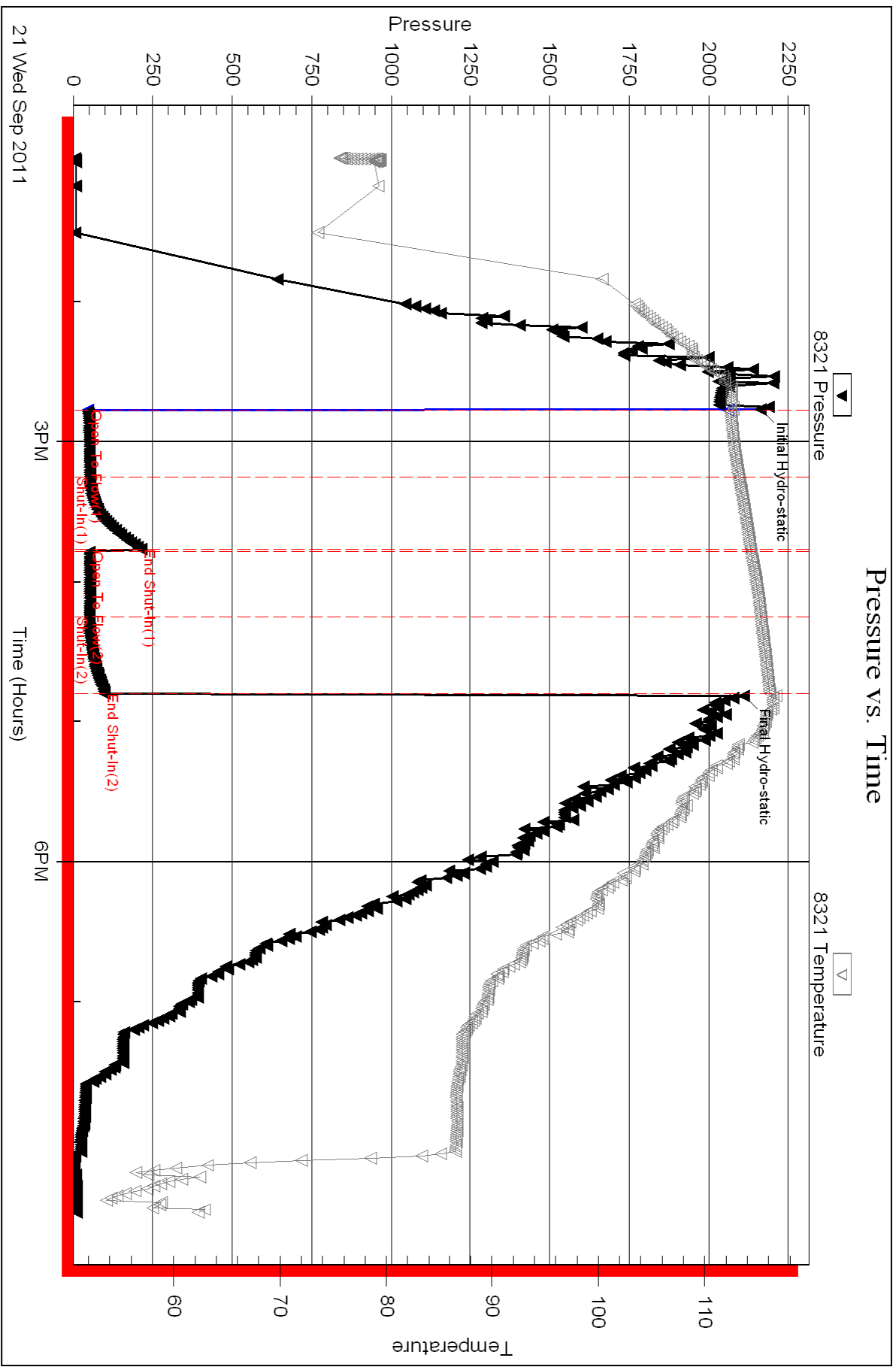
Serial #: 8321

Inside

Shakespeare Oil Co INC

16-13s-32w -Logan

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 44636

Printed: 2011.09.22 @ 08:43:13



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

ATTN: Don Williams

Job Ticket: 43210

**DST#: 5**

Test Start: 2011.09.23 @ 03:38:15

## GENERAL INFORMATION:

Formation: **Myrick Station/Ft.Sc**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:22:30

Time Test Ended: 10:59:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 48

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

Reference Elevations: 3033.00 ft (KB)

Total Depth: 4536.00 ft (KB) (TVD)

3023.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8358**

**Outside**

Press @ Run Depth: 61.40 psig @ 4509.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.23

End Date: 2011.09.23

Last Calib.: 2011.09.23

Start Time: 03:38:15

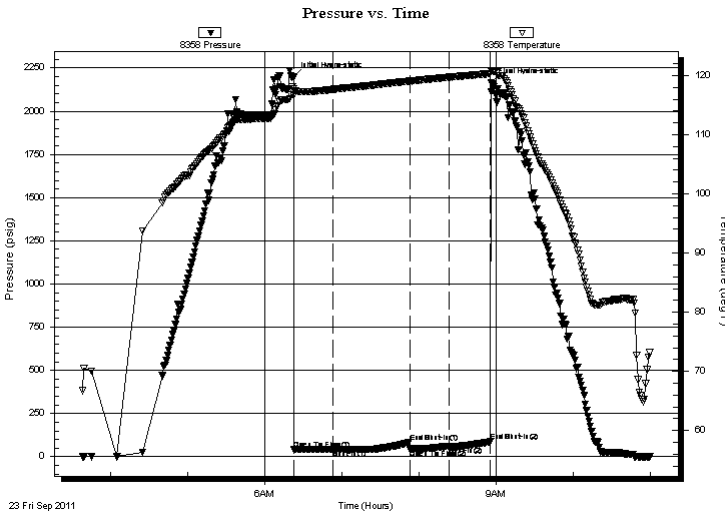
End Time: 10:59:30

Time On Btm: 2011.09.23 @ 06:22:15

Time Off Btm: 2011.09.23 @ 08:55:45

TEST COMMENT: IF: Built to 2" blow  
IS: No return blow  
FF: No blow  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.76	117.79	Initial Hydro-static
1	43.30	116.63	Open To Flow (1)
31	44.22	117.63	Shut-In(1)
91	82.48	119.03	End Shut-In(1)
91	44.67	119.04	Open To Flow (2)
122	61.40	119.69	Shut-In(2)
153	86.76	120.32	End Shut-In(2)
154	2165.94	120.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud with oil spots	0.42

\* 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

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

Job Ticket: 43210

**DST#: 5**

ATTN: Don Williams

Test Start: 2011.09.23 @ 03:38:15

## 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: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

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 bbl
30.00	mud w ith oil spots	0.421

Total Length: 30.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

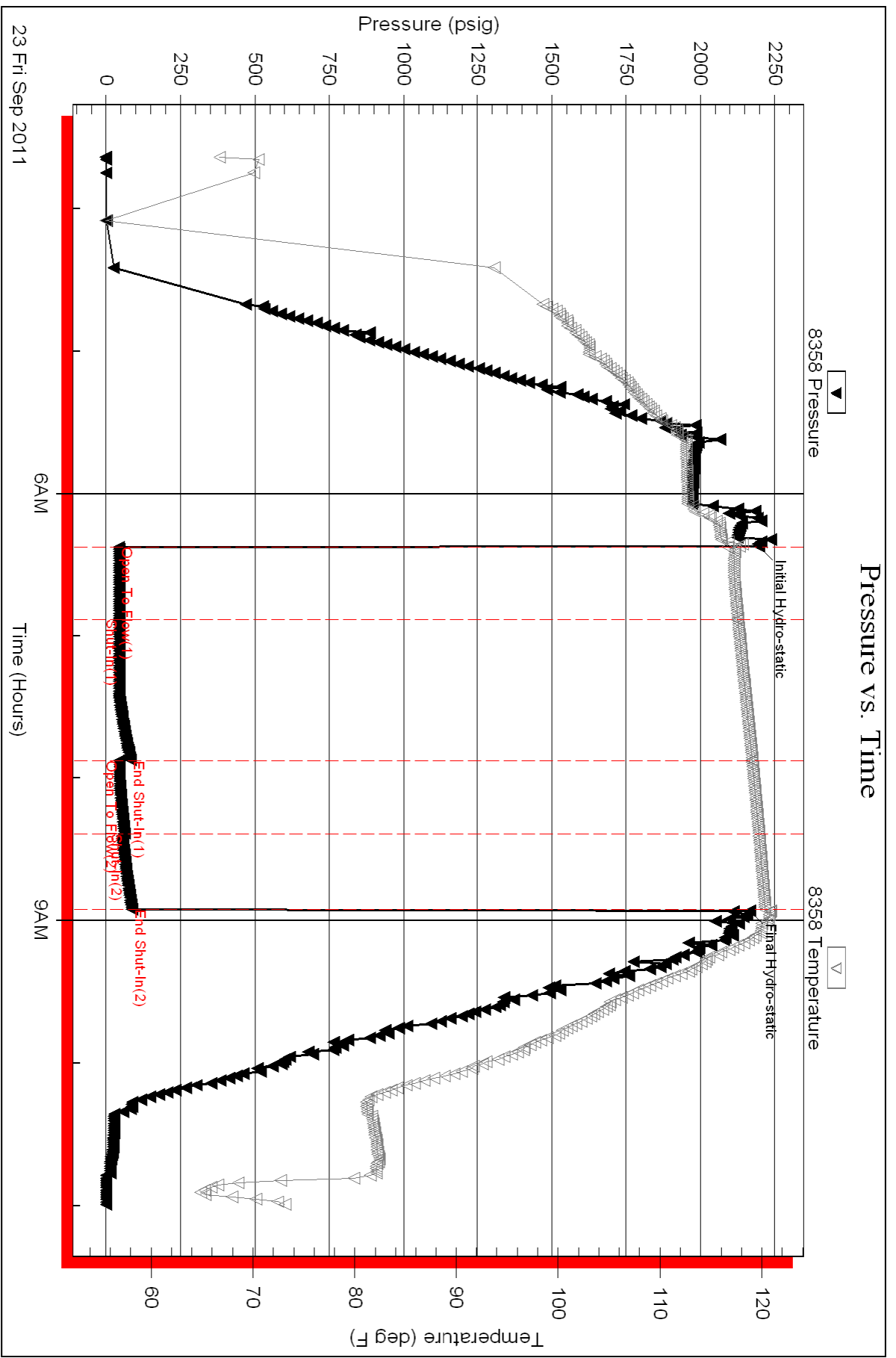
Recovery Comments:

Serial #: 8358

Outside Shakespeare Oil Co INC

16-13s-32w - Logan

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 43210

Printed: 2011.09.23 @ 12:13:55





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC

202 W Main st  
Salem IL 62881 + 1519

ATTN: Don Williams

**Scheetz 2-16**

**16-13s-32w-Logan**

Job Ticket: 43211

**DST#: 6**

Test Start: 2011.09.23 @ 23:36:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:48:30

Time Test Ended: 08:10:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 48

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

Reference Elevations: 3033.00 ft (KB)

Total Depth: 4604.00 ft (KB) (TVD)

3023.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8646 Outside**

Press @ Run Depth: 114.34 psig @ 4597.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.23

End Date:

2011.09.24

Last Calib.: 2011.09.24

Start Time: 23:36:15

End Time:

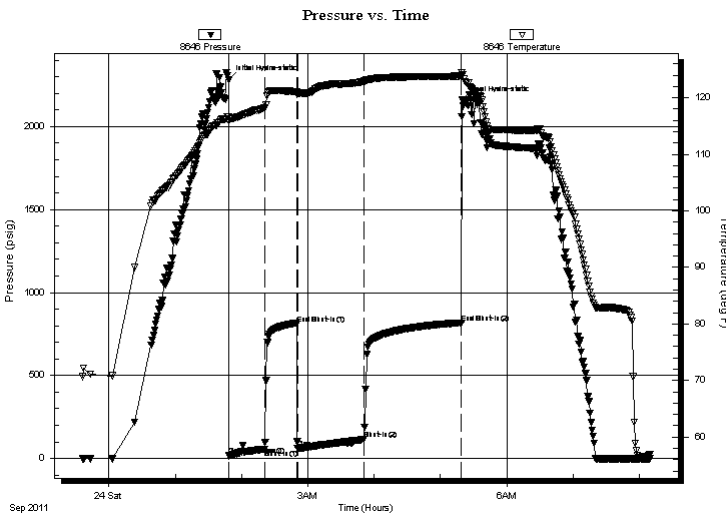
08:10:00

Time On Btm: 2011.09.24 @ 01:48:15

Time Off Btm: 2011.09.24 @ 05:19:45

**TEST COMMENT:** IF: Built to 6" blow  
IS: No return blow  
FF: Built to 7" blow  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2281.24	116.67	Initial Hydro-static
1	17.27	115.86	Open To Flow (1)
33	56.53	118.21	Shut-In(1)
62	811.21	121.06	End Shut-In(1)
63	59.88	120.81	Open To Flow (2)
122	114.34	122.83	Shut-In(2)
211	818.19	123.80	End Shut-In(2)
212	2159.27	124.10	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
226.00	m 100% m	3.17

\* 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

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

Job Ticket: 43211

**DST#: 6**

ATTN: Don Williams

Test Start: 2011.09.23 @ 23:36:15

## 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:

bbbl

Water Loss: 10.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
226.00	m 100% m	3.170

Total Length: 226.00 ft      Total Volume: 3.170 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

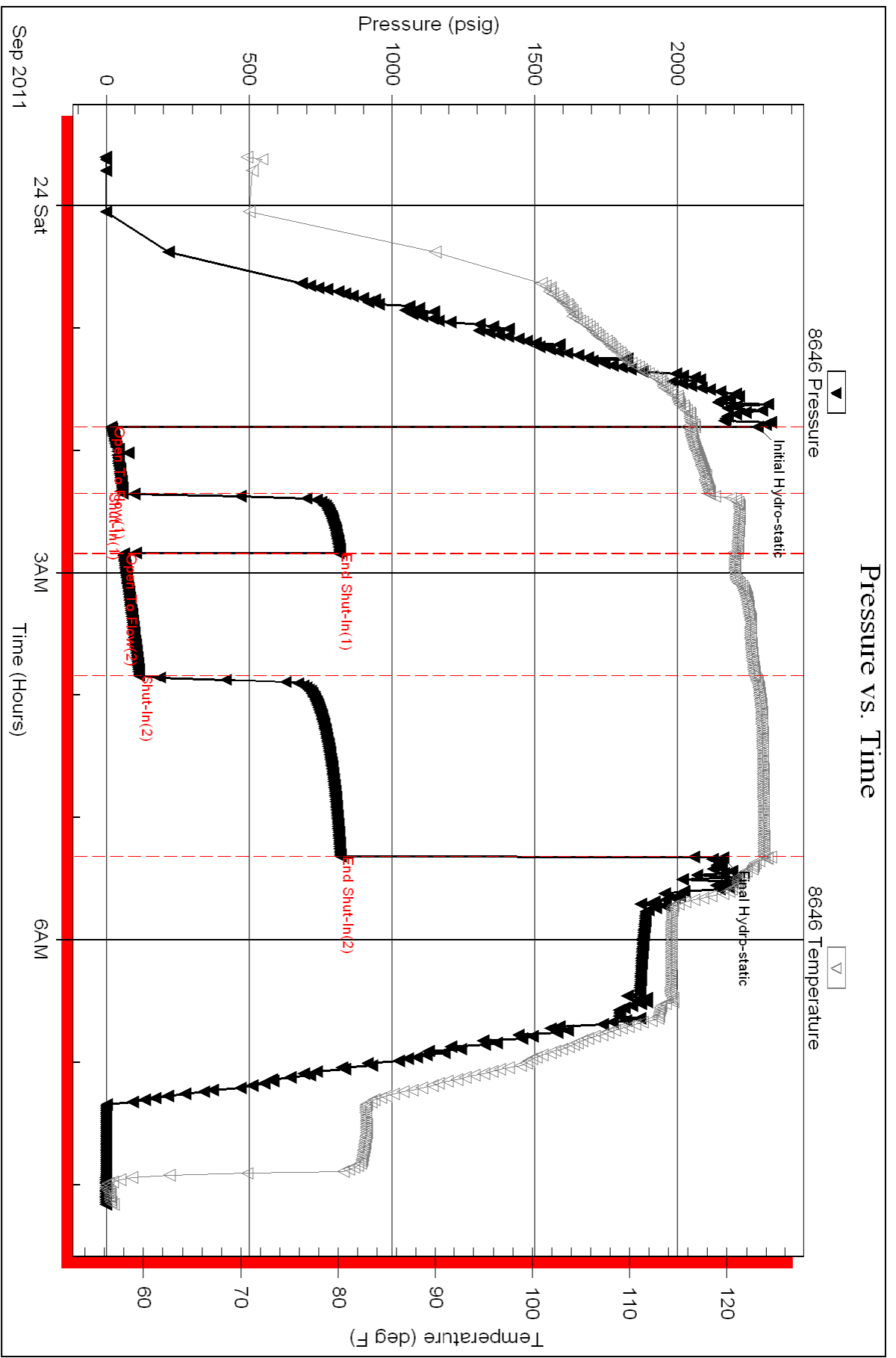
Recovery Comments:

Serial #: 8646

Outside Shakespeare Oil Co INC

16-13s-32w -Logan

DST Test Number: 6





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC  
202 W Main st  
Salem IL 62881 + 1519  
ATTN: Don Williams

**Scheetz 2-16**

**16-13s-32w-Logan**

Job Ticket: 43212

**DST#: 7**

Test Start: 2011.09.24 @ 22:16:15

## GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:56:15

Time Test Ended: 05:50:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts / Will

Unit No: 48

**Interval: 4600.00 ft (KB) To 4645.00 ft (KB) (TVD)**

Reference Elevations: 3033.00 ft (KB)

Total Depth: 4645.00 ft (KB) (TVD)

3023.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

## Serial #: 8646

Press @ Run Depth: 83.90 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.24

End Date:

2011.09.25

Last Calib.:

2011.09.25

Start Time: 22:16:00

End Time:

05:49:45

Time On Btm:

2011.09.25 @ 00:55:45

Time Off Btm:

2011.09.25 @ 03:02:15

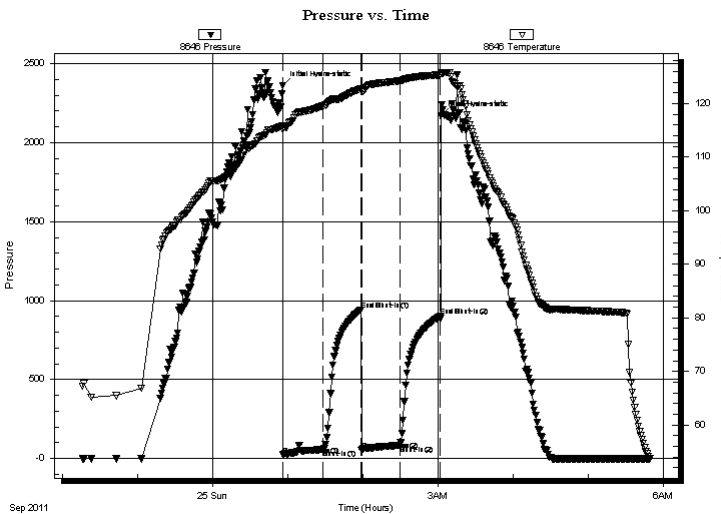
TEST COMMENT: IF- Surface Blow Built to 6 1/2"

IS- No Blow

FF- Surface Blow Built to 8"

FS- No Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2362.51	115.83	Initial Hydro-static
1	23.62	115.21	Open To Flow (1)
33	58.00	119.60	Shut-In(1)
63	941.01	122.71	End Shut-In(1)
63	54.21	122.39	Open To Flow (2)
94	83.90	124.27	Shut-In(2)
126	900.60	125.37	End Shut-In(2)
127	2171.03	125.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	OGCM 1%oil 2%g 97%m	0.87
149.00	OCM 1%oil 99%m	2.09

## 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

**Scheetz 2-16**

202 W Main st  
Salem IL 62881 + 1519

**16-13s-32w-Logan**

Job Ticket: 43212

**DST#: 7**

ATTN: Don Williams

Test Start: 2011.09.24 @ 22:16:15

## 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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	OGCM 1%oil 2%g 97%m	0.870
149.00	OCM 1%oil 99%m	2.090

Total Length: 211.00 ft

Total Volume: 2.960 bbl

Num Fluid Samples: 0

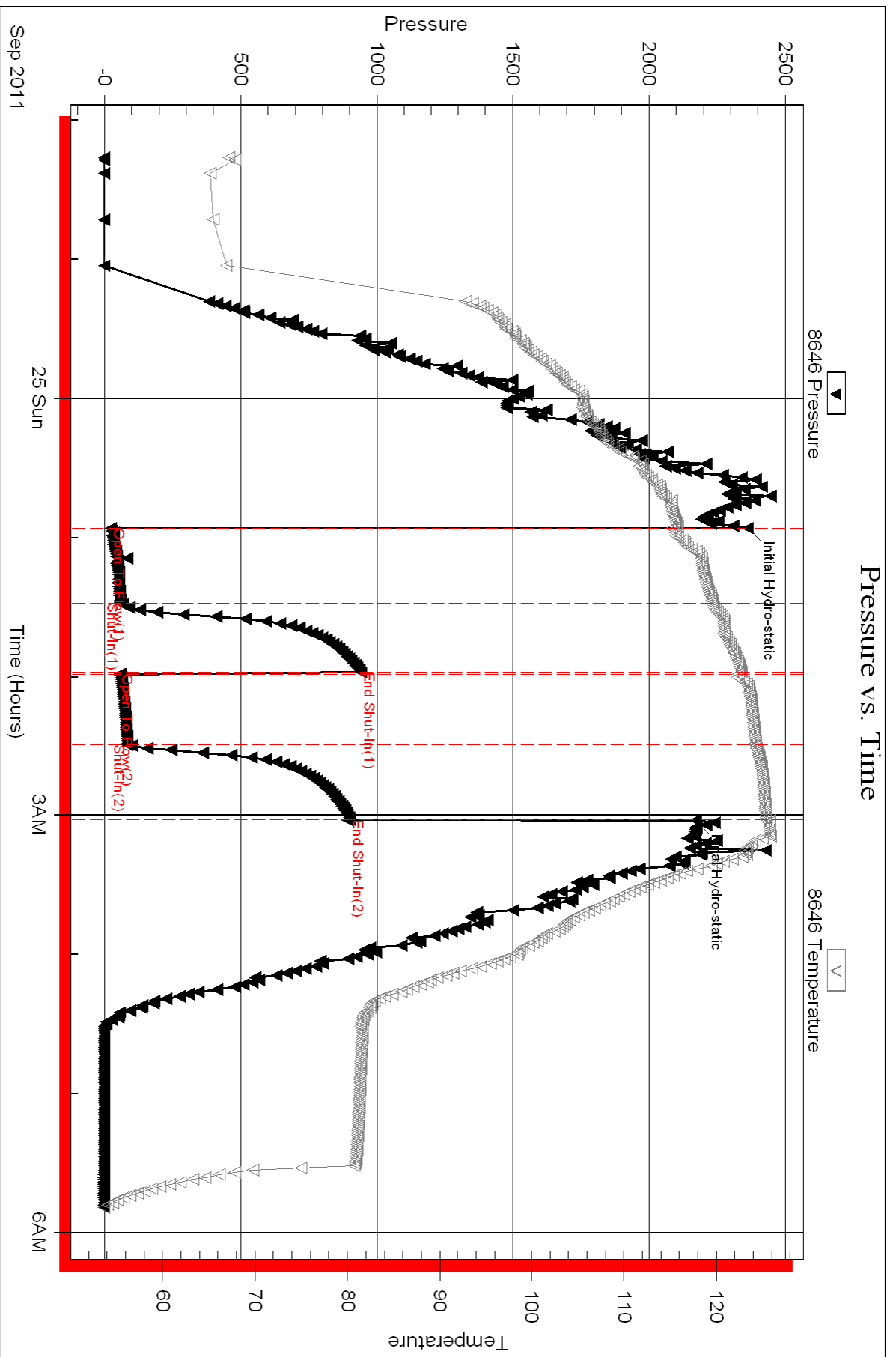
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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



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

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

October 19, 2011

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

Re: ACO1  
API 15-109-21023-00-00  
Scheetz 2-16  
SE/4 Sec.16-13S-32W  
Logan 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