



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1082317
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: _____

1082317

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
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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
<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	Carson 1-11
Doc ID	1082317

All Electric Logs Run

Array Induction
Photo Density
Comp. Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Carson 1-11
Doc ID	1082317

Tops

Name	Top	Datum
Base Anhydrite	2488	+639
Heebner	2996	-869
Lansing	4034	-907
Muncie Creek	4222	-1095
Stark Shale	4321	-1194
Hushpuckney	4366	-1239
Marmaton	4457	-1330
Pawnee	4538	-1411
L. Cherokee Shale	4624	-1497
Johnson	4666	-1539
Morrow Shale	4746	-1619
Mississippian	4802	-1675



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

Carson #1-11

Job Ticket: 45873

DST#: 3

Test Start: 2012.05.12 @ 01:30:16

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 04:29:31

Time Test Ended: 09:05:31

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4417.00 ft (KB) To 4466.00 ft (KB) (TVD)

Total Depth: 4466.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3127.00 ft (KB)

3117.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8368 Outside

Press @ Run Depth: 33.59 psig @ 4418.00 ft (KB)

Start Date: 2012.05.12

End Date:

2012.05.12

Start Time: 01:30:16

End Time:

08:46:31

Capacity: 8000.00 psig

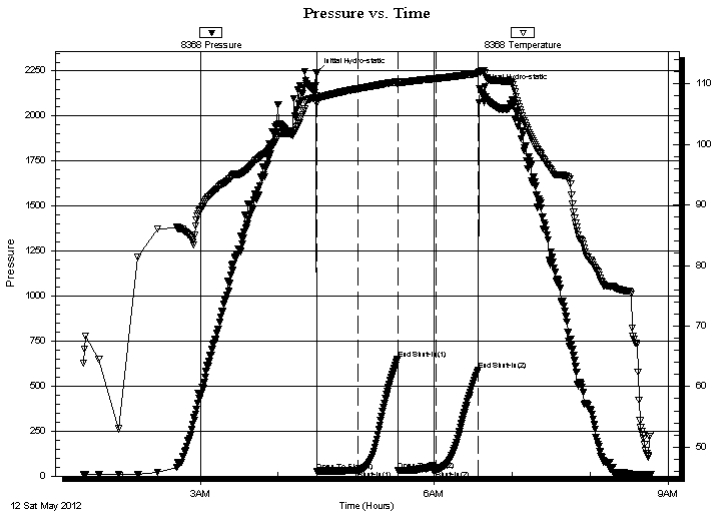
Last Calib.: 2012.05.12

Time On Btm: 2012.05.12 @ 04:29:16

Time Off Btm: 2012.05.12 @ 06:35:01

TEST COMMENT: 1/4" in blow died in 9 min.
No return
Bubble to open tool, no blow
No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2239.36	108.08	Initial Hydro-static
1	27.41	106.74	Open To Flow (1)
33	30.25	109.22	Shut-In(1)
63	650.09	110.35	End Shut-In(1)
63	31.80	109.94	Open To Flow (2)
92	33.59	110.88	Shut-In(2)
125	587.83	111.77	End Shut-In(2)
126	2150.90	111.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud w/oil spots on top 100%m	0.01

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 Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

Carson #1-11

Job Ticket: 45873

DST#: 3

Test Start: 2012.05.12 @ 01:30:16

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: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.37 in³

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
3.00	mud w /oil spots on top 100%m	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

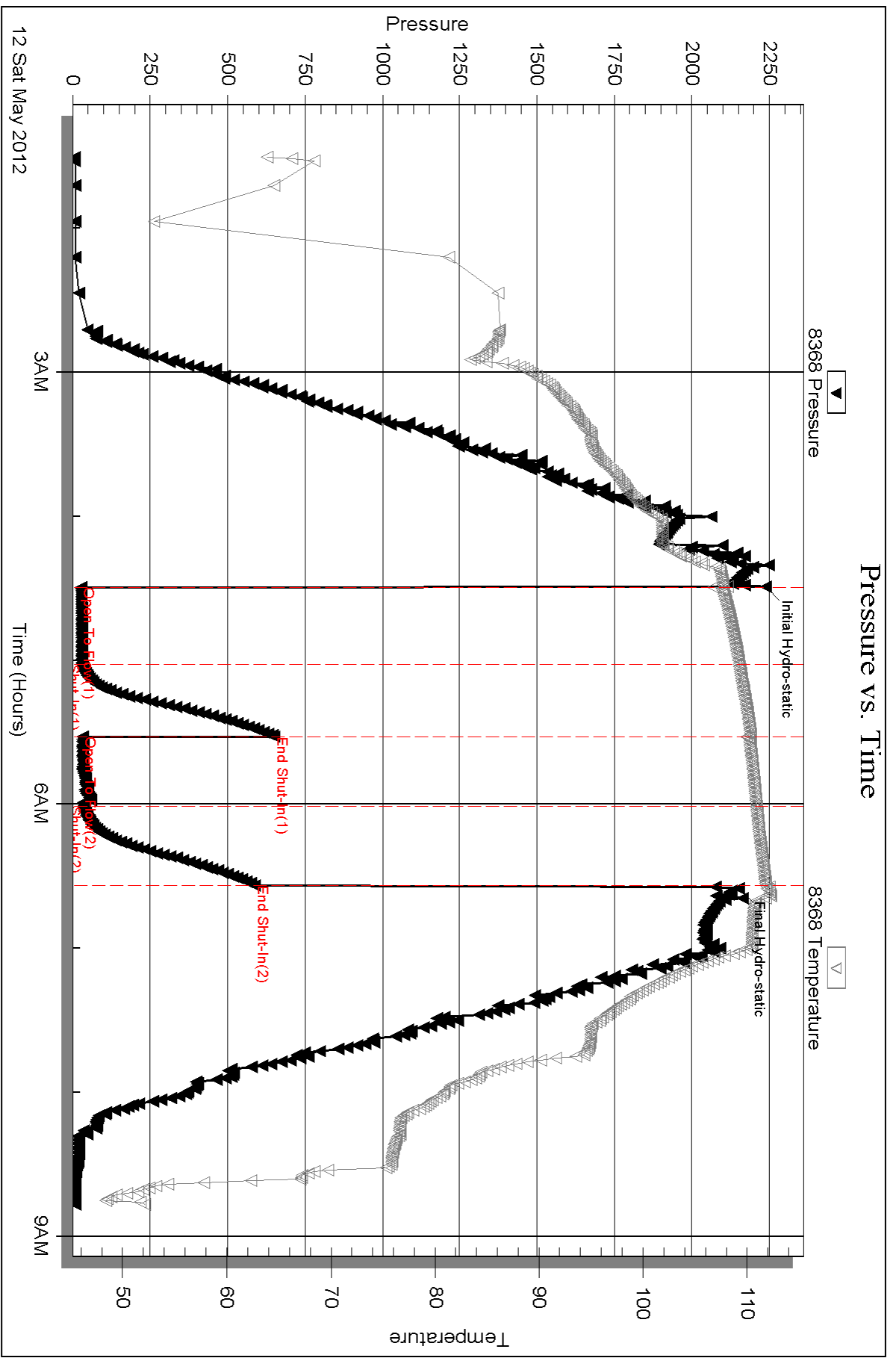
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

Carson #1-11

Job Ticket: 45874

DST#: 4

Test Start: 2012.05.13 @ 03:50:46

GENERAL INFORMATION:

Formation: **Myrick Station, Ft S**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 05:57:01

Time Test Ended: 10:35:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4542.00 ft (KB) To 4600.00 ft (KB) (TVD)

Reference Elevations: 3127.00 ft (KB)

Total Depth: 4600.00 ft (KB) (TVD)

3117.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8368 Outside

Press @ Run Depth: 37.12 psig @ 4543.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.13

End Date: 2012.05.13

Last Calib.: 2012.05.13

Start Time: 03:50:46

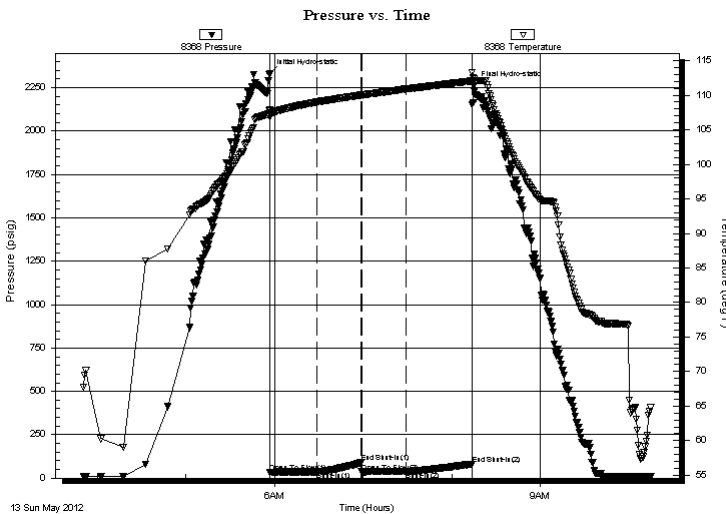
End Time: 10:15:01

Time On Btm: 2012.05.13 @ 05:56:46

Time Off Btm: 2012.05.13 @ 08:14:46

TEST COMMENT: 1/4" in blow, died in 12 min.
No return
Bubble to open tool, No blow
No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2332.91	107.91	Initial Hydro-static
1	34.01	106.93	Open To Flow (1)
32	36.70	108.99	Shut-In(1)
62	88.69	110.02	End Shut-In(1)
62	36.23	109.99	Open To Flow (2)
92	37.12	110.89	Shut-In(2)
137	81.75	112.06	End Shut-In(2)
138	2263.69	112.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud 100% m	0.01

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Comp Inc
202 West Main St
Salem, Il
62881
ATTN: Tim Priest

11-16s-34w Scott, Ks
Carson #1-11
Job Ticket: 45874
Test Start: 2012.05.13 @ 03:50:46

DST#: 4

GENERAL INFORMATION:

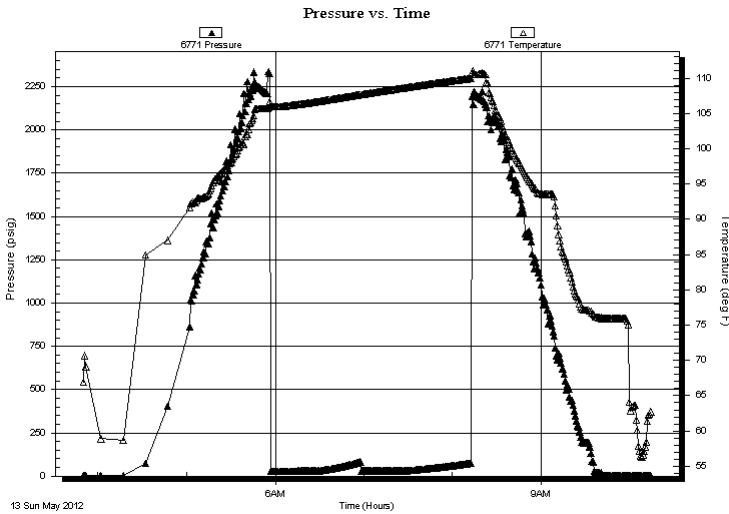
Formation:	Myrick Station, Ft S	Test Type:	Conventional Bottom Hole (Reset)
Deviated:	No Whipstock: 0.00 ft (KB)	Tester:	Shane McBride
Time Tool Opened:	05:57:01	Unit No:	55
Time Test Ended:	10:35:01	Reference Elevations:	3127.00 ft (KB) 3117.00 ft (CF)
Interval:	4542.00 ft (KB) To 4600.00 ft (KB) (TVD)	KB to GR/CF:	10.00 ft
Total Depth:	4600.00 ft (KB) (TVD)		
Hole Diameter:	7.88 inches	Hole Condition:	Fair

Serial #: 6771

Inside

Press @RunDepth:	psig @ 4543.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2012.05.13	End Date:	2012.05.13
Start Time:	03:50:19	End Time:	10:14:34
		Time On Btm:	
		Time Off Btm:	

TEST COMMENT: 1/4" in blow , died in 12 min.
No return
Bubble to open tool, No blow
No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud 100%m	0.01

* 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 Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

Carson #1-11

Job Ticket: 45874

DST#: 4

Test Start: 2012.05.13 @ 03:50:46

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: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.77 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 8700.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100%m	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

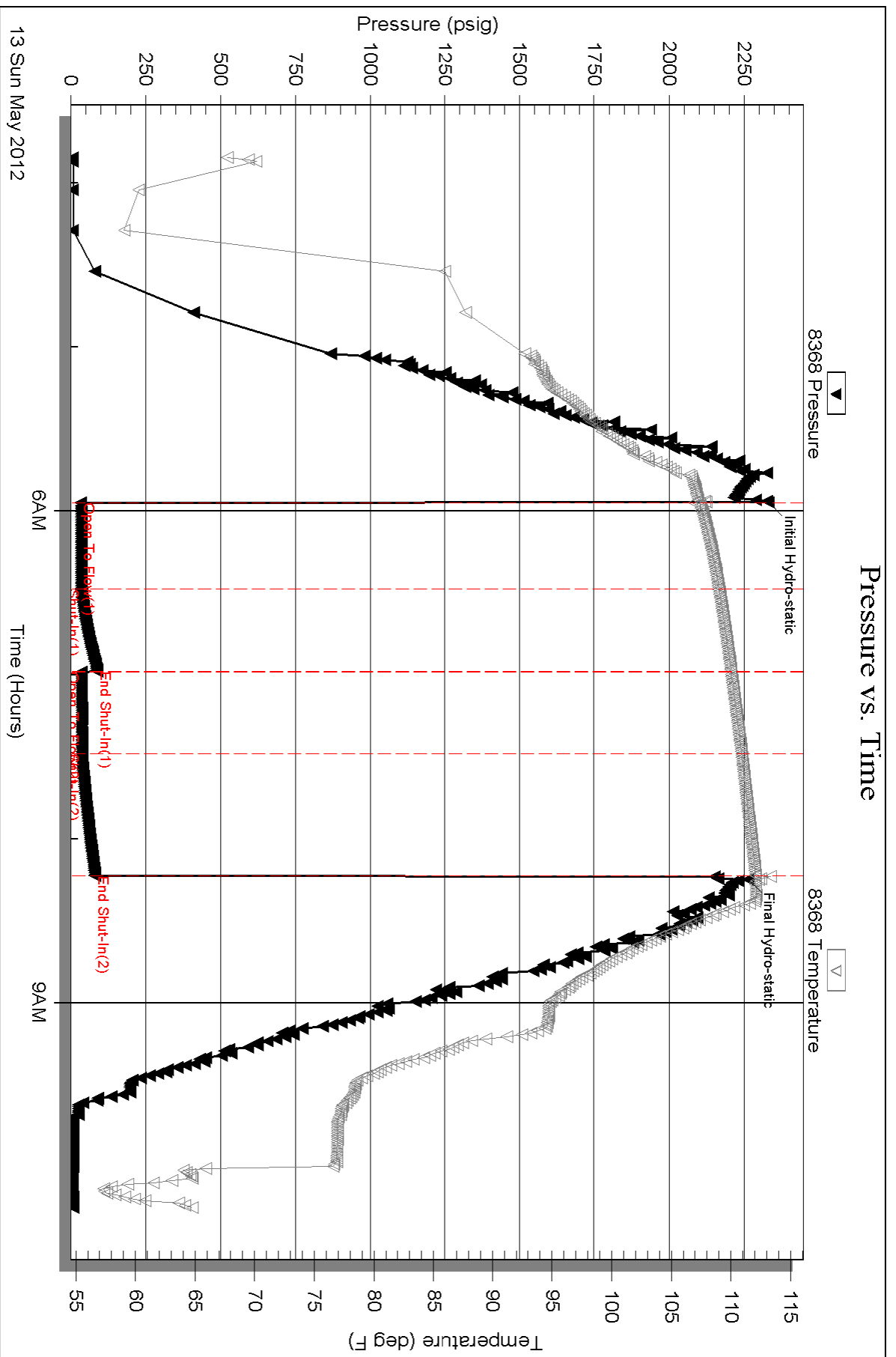
Recovery Comments:

Serial #: 8368

Outside Shakespeare Oil Corp Inc

Carson #1-11

DST Test Number: 4



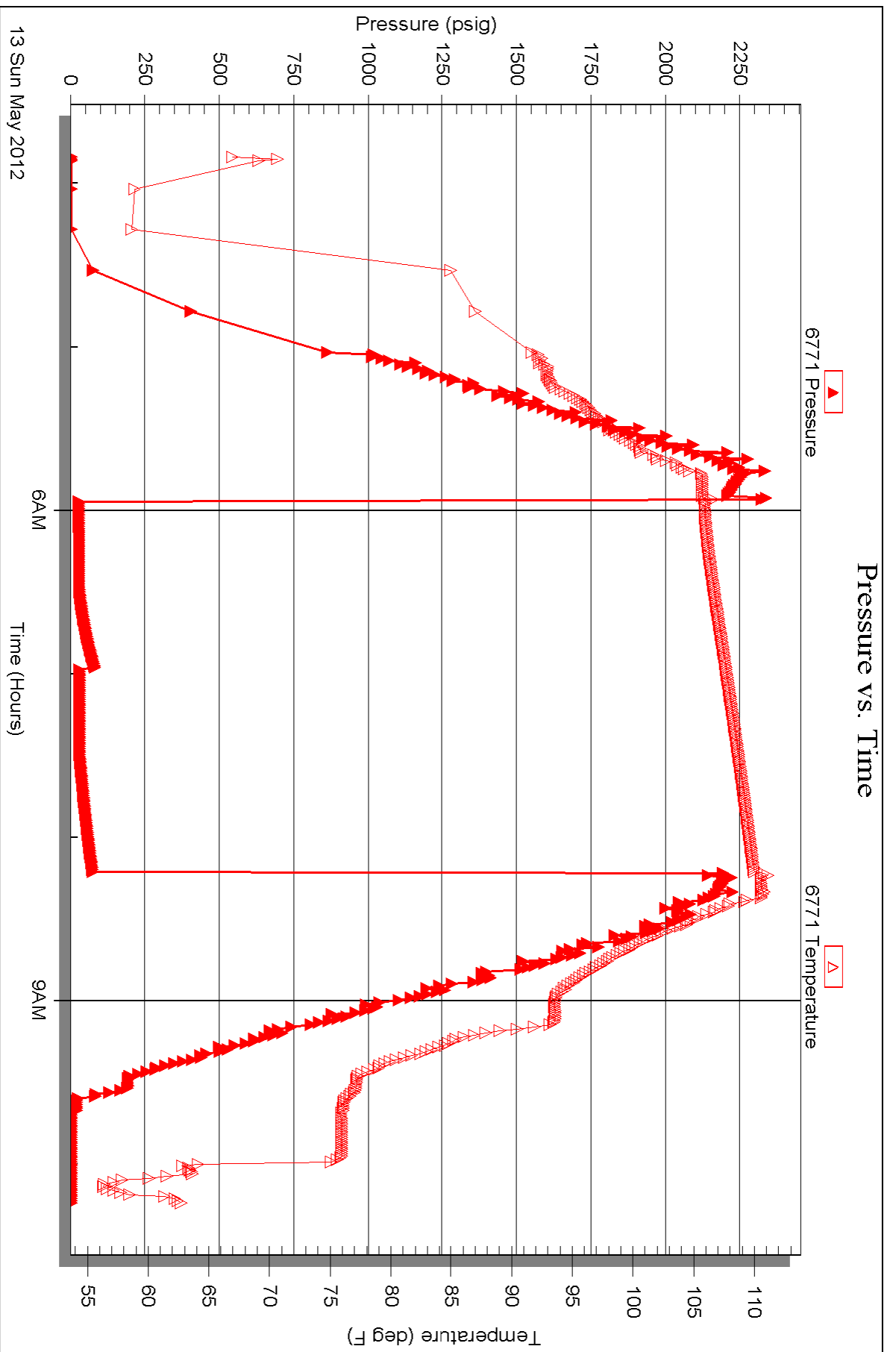
Serial #: 6771

Inside

Shakespeare Oil Corp Inc

Carson #1-11

DST Test Number: 4





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, Il 62881

Carson #1-11

Job Ticket: 45871

DST#: 1

ATTN: Tim Priest

Test Start: 2012.05.09 @ 17:40:55

GENERAL INFORMATION:

Formation: **D-E**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 19:51:10

Time Test Ended: 00:45:40

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 55

Interval: 4116.00 ft (KB) To 4140.00 ft (KB) (TVD)

Reference Elevations: 3127.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD)

3117.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8368 Outside

Press @ Run Depth: 372.48 psig @ 4117.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.09

End Date: 2012.05.10

Last Calib.: 2012.05.10

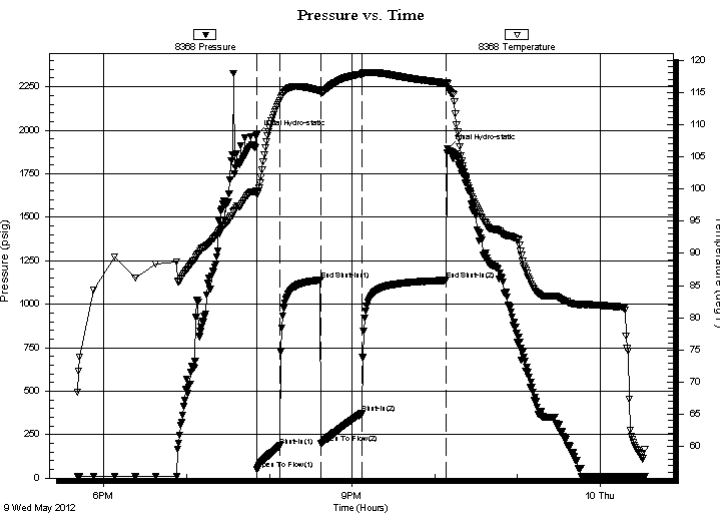
Start Time: 17:40:55

End Time: 00:32:40

Time On Btm: 2012.05.09 @ 19:50:40

Time Off Btm: 2012.05.09 @ 22:09:25

TEST COMMENT: B.O.B. in 9 min.
No return
B.O.B. in 11 min.
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1977.07	99.69	Initial Hydro-static
1	51.67	99.15	Open To Flow (1)
17	185.36	113.72	Shut-In(1)
47	1139.42	115.22	End Shut-In(1)
47	201.71	114.89	Open To Flow (2)
77	372.48	117.80	Shut-In(2)
138	1137.72	116.48	End Shut-In(2)
139	1895.90	116.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	water 100%w	8.15
90.00	s m c w 15% m 85% w	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, Il 62881

Carson #1-11

Job Ticket: 45871

DST#: 1

ATTN: Tim Priest

Test Start: 2012.05.09 @ 17:40:55

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:

30000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
660.00	water 100%w	8.147
90.00	s m c w 15% m 85% w	1.262

Total Length: 750.00 ft Total Volume: 9.409 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

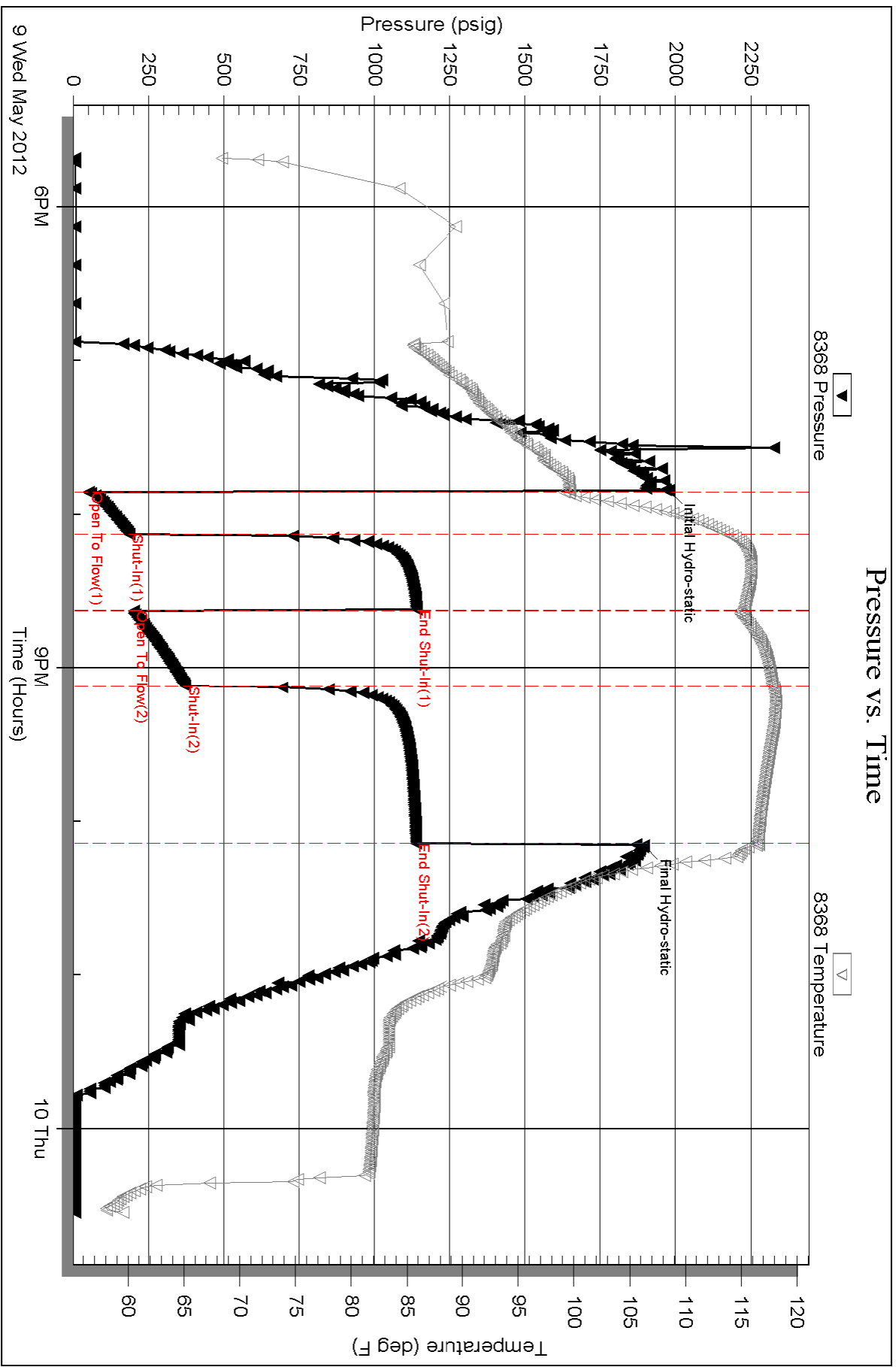
Recovery Comments: RW .265 @ 60*f = 30,000 chlor

Serial #: 8368

Outside Shakespeare Oil Corp Inc

Carson #1-11

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 45871

Printed: 2012.05.10 @ 07:59:30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

Carson #1-11

Job Ticket: 45872

DST#: 2

Test Start: 2012.05.10 @ 22:08:18

GENERAL INFORMATION:

Formation: **J**
 Deviated: **No** Whipstock: **0.00 ft (KB)**
 Time Tool Opened: 00:21:18
 Time Test Ended: 06:10:48
 Interval: **4289.00 ft (KB) To 4308.00 ft (KB) (TVD)**
 Total Depth: **4308.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Shane McBride**
 Unit No: **55**
 Reference Elevations: **3127.00 ft (KB)**
3117.00 ft (CF)
 KB to GR/CF: **10.00 ft**

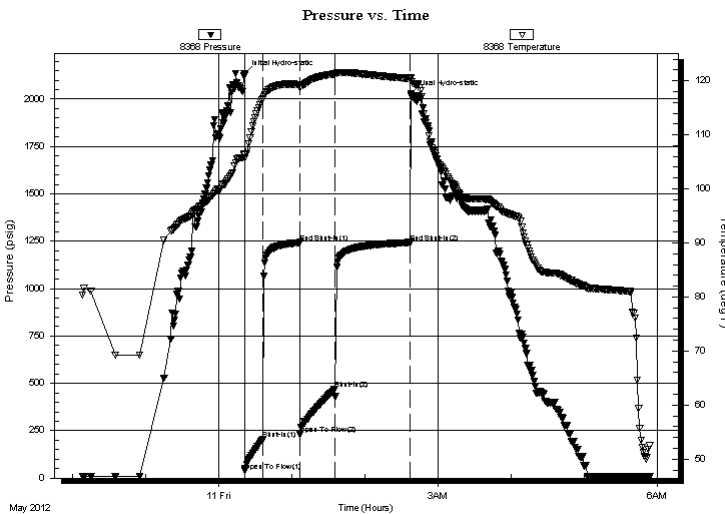
Serial #: 8368

Outside

Press @ Run Depth: **470.97 psig @ 4290.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.05.10** End Date: **2012.05.11** Last Calib.: **2012.05.11**
 Start Time: **22:08:18** End Time: **05:53:48** Time On Btm: **2012.05.11 @ 00:21:03**
 Time Off Btm: **2012.05.11 @ 02:38:03**

TEST COMMENT: B.O.B. in 7 min.
 No return
 B.O.B. in 8 1/2 min.
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2131.91	106.54	Initial Hydro-static
1	38.58	105.66	Open To Flow (1)
16	205.87	116.65	Shut-In(1)
46	1243.18	119.32	End Shut-In(1)
46	229.25	118.66	Open To Flow (2)
75	470.97	121.25	Shut-In(2)
137	1243.42	120.38	End Shut-In(2)
137	2026.29	120.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
720.00	water 100%w	8.99
180.00	s m c w 10%m 90%w	2.52

* 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 Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, Il
62881

Carson #1-11

Job Ticket: 45872

DST#: 2

ATTN: Tim Priest

Test Start: 2012.05.10 @ 22:08:18

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:

27500 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
720.00	water 100%w	8.988
180.00	s m c w 10%m 90%w	2.525

Total Length: 900.00 ft Total Volume: 11.513 bbl

Num Fluid Samples: 0

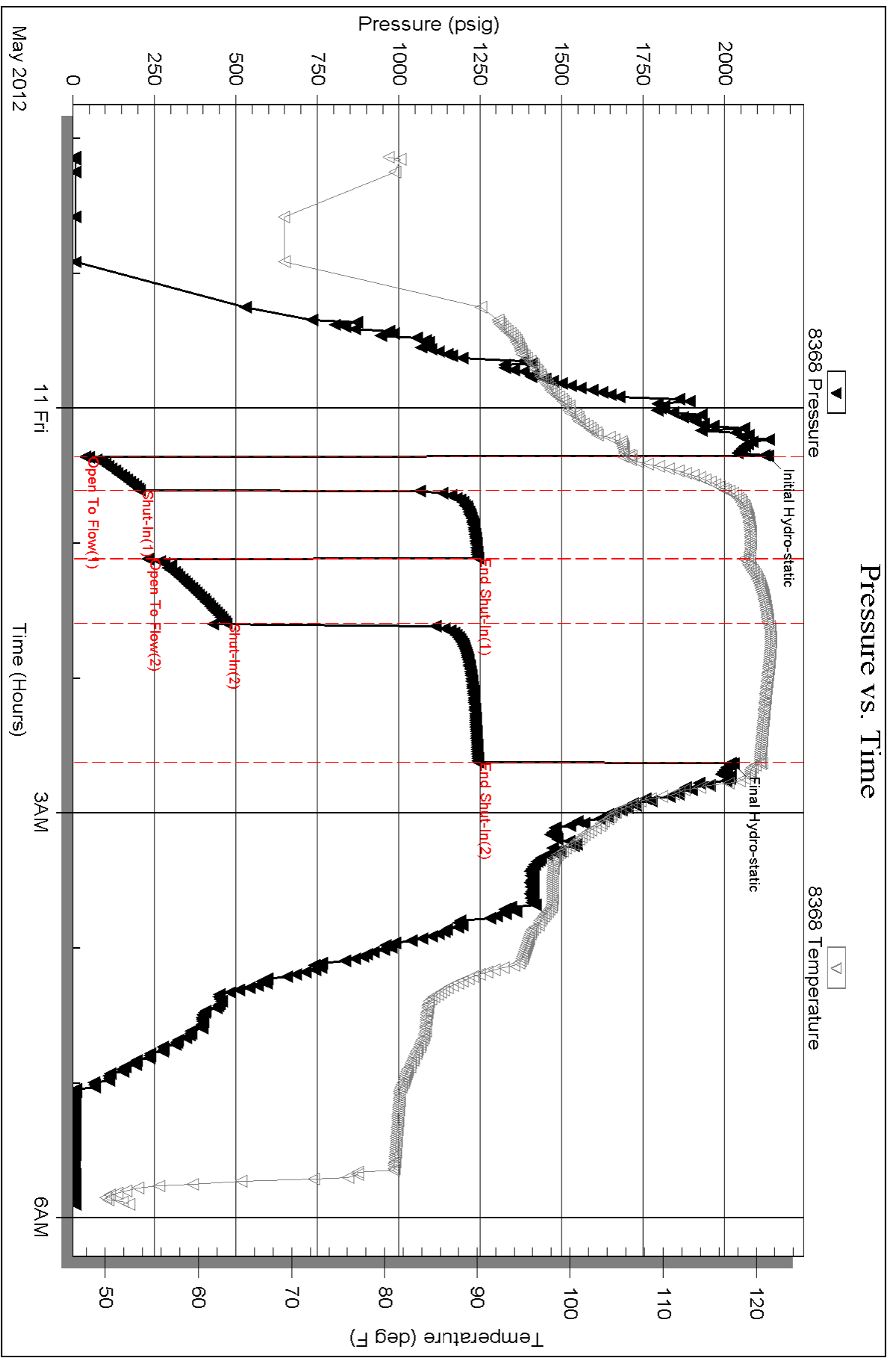
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .360 @ 50*f= 27,500 chlor





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

Carson #1-11

Job Ticket: 45874

DST#: 5

Test Start: 2012.05.14 @ 05:10:49

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 08:02:49

Time Test Ended: 12:20:19

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4673.00 ft (KB) To 4723.00 ft (KB) (TVD)

Reference Elevations: 3127.00 ft (KB)

Total Depth: 4723.00 ft (KB) (TVD)

3117.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6771 Inside

Press @ Run Depth: 28.84 psig @ 4674.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.14

End Date:

2012.05.14

Last Calib.:

2012.05.14

Start Time: 05:10:49

End Time:

12:02:19

Time On Btm:

2012.05.14 @ 08:02:34

Time Off Btm:

2012.05.14 @ 10:07:49

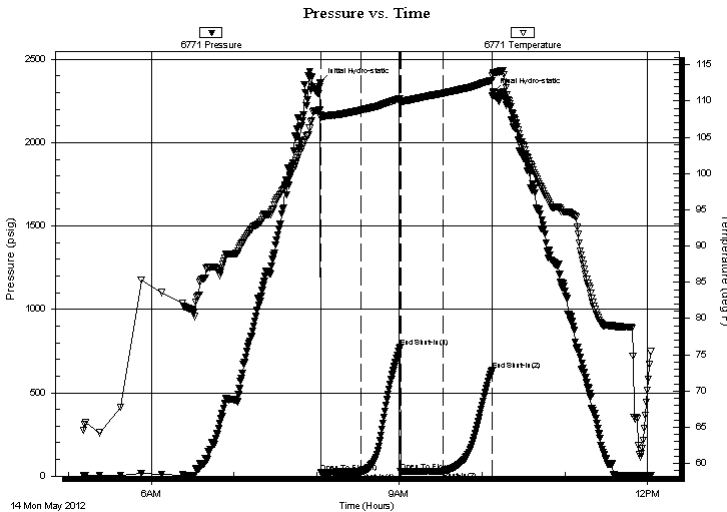
TEST COMMENT: 1/4" in blow, died in 7 min

No return

No blow

No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2359.16	108.74	Initial Hydro-static
1	22.31	107.66	Open To Flow (1)
30	25.48	108.73	Shut-In(1)
58	775.26	110.31	End Shut-In(1)
59	27.25	110.05	Open To Flow (2)
89	28.84	111.07	Shut-In(2)
125	636.59	112.84	End Shut-In(2)
126	2301.06	113.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud w/oil spots on top 100% m	0.01

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 Comp Inc

11-16s-34w Scott, Ks

202 West Main St
Salem, Il
62881
ATTN: Tim Priest

Carson #1-11

Job Ticket: 45874

DST#: 5

Test Start: 2012.05.14 @ 05:10:49

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

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
2.00	mud w /oil spots on top 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

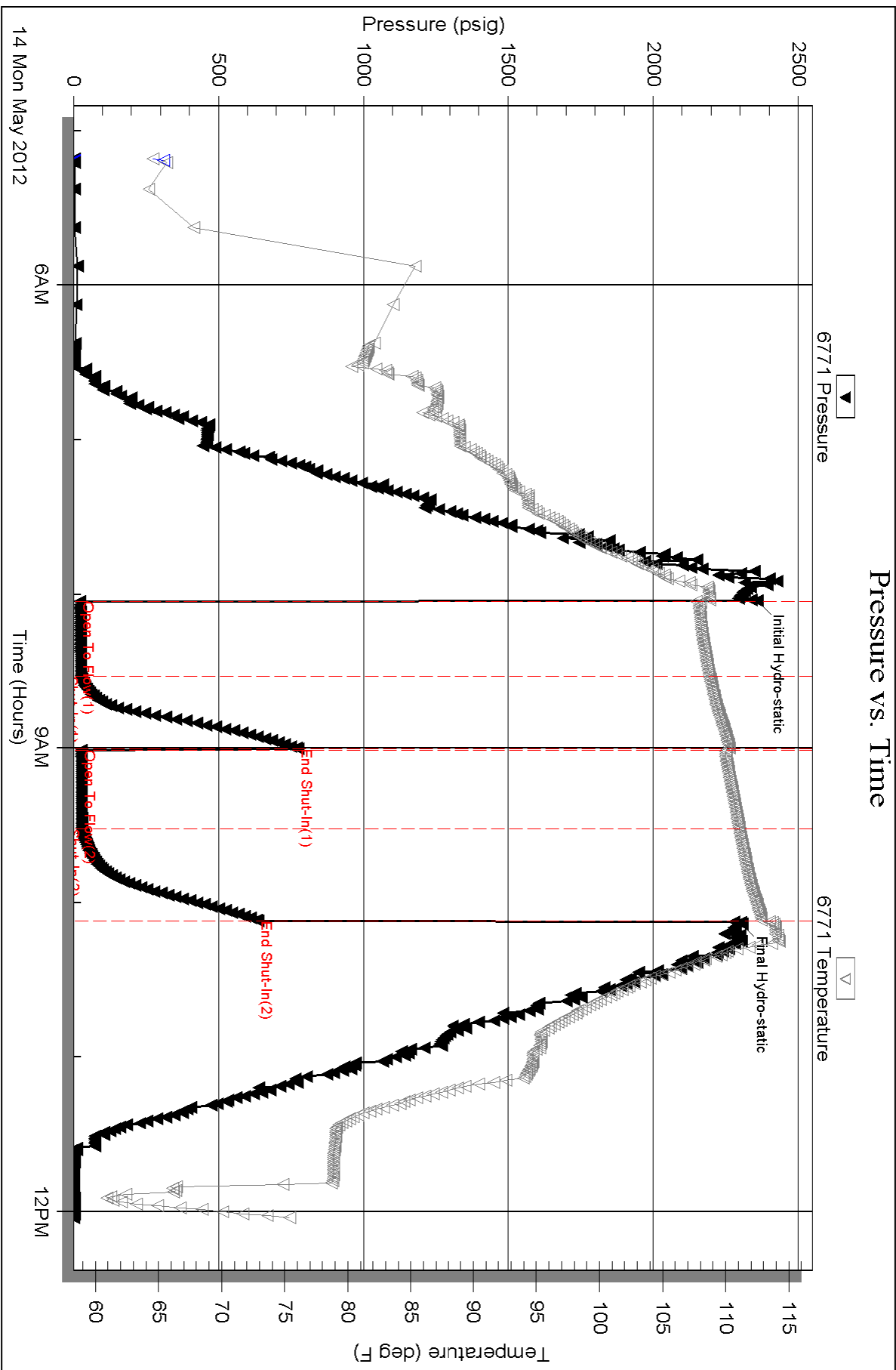
Serial #: 6771

Inside

Shakespeare Oil Corp Inc

Carson #1-11

DST Test Number: 5



GEOLOGIST'S REPORT
 DRILLING TIME AND SAMPLE LOG

COMPANY SHAKESPEARE OIL CO.
LEASE CARBON #1-11
FIELD Widdell
LOCATION 1700' TMS, 1500' FMTL
SEC 11 **TWP** 16S **RGE** 34W
COUNTY Scott **STATE** Kansas

CONTRACTOR HD Rite 2
SPUD 4-26-12 **COMP** LTD,
RTD 3700' **TYPE MUD** Chemical
MUD UP 3700'
SAMPLES SAVED FROM 3800' to RTD
DRILLING TIME KEPT FROM 3750' to RTD
SAMPLES EXAMINED FROM 3800' to RTD

GEOLOGIST ON WELL Tim Priest
FORMATION TOPS ELECTRIC LOG
FORMATION Anyvrite, Heebner Shale, Lansing, Stark, B/K.C.
City Fort Scott, Missouri

ELEVATIONS KG 3127'
DF _____
GL 3117'

Measurements Are All From KB
CASING _____
CONDUCTION N/A
SURFACE 8-5/8" @
PRODUCTION _____

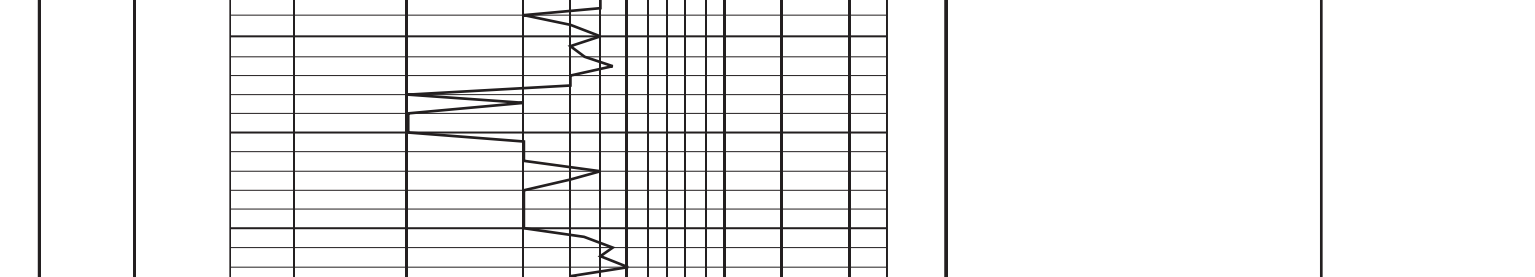
ELECTRICAL SURVEYS CND/DSP/P.E.
GEOLOGICAL SUPERVISION FROM 3700' to RTD
GEOLOGIST ON WELL Tim Priest
By: Weatherford

REMARKS

Respectfully Submitted,

API #15-171-20882-00-00

Tim Priest
 Petroleum Geologist



LEGEND

Anhydrite	Sandstone	Limestone	Shale	Carb Sh	Cherty LS	Chert	Dolomite
-----------	-----------	-----------	-------	---------	-----------	-------	----------

DEPTH	DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases	SAMPLE DESCRIPTION	REMARKS
50			Anhydrite 2463 (+664)
2500			Base/ Anhydrite 2487 (+640)
3800		Sh red-gry-dk gry Ls crm-gry, vfn xtl, sli fos, dnse Sh gry-dk gry Ls crm-gry, vfn xtl, sli fos, p-f int xtl-pp por, NS Sh gry Ls crm-tan, fn xtl, fos, p-f int xtl-pp por, NS Sh blk, carb Sh red-gry, silty Ls crm-lt gry, fn xtl, fos, chky, p int xtl-pp por, NS Ls crm-lt gry, fn xtl, fos, chky, p int xtl-pp por, NS Ls gry, vfn xtl, dnse Sh gry-blk Ls crm-tan, fn xtl, fos, chky, f int xtl-pp por, NS Sh blk, carb Sh gry-dk gry Ls crm, vfn xtl, chky in prt, dnse Ls crm-tan, fn xtl, fos, chky, f int xtl-pp por, NS Sh gry-dk gry	
3900			Heebner 3990 (-863)
4000			Toronto 4006 (-879)
4050			Lansing 4029 (-902)
4100			DST # 1 (4116'-4140') 15'-30'-30'-60' FF: BCB in 9', no return FF: BCB in 17', no return Rec: 90' MCW(85%W,15%M) 720' Wbr. Total fluid: 750' Figs: 51-1658/201-372# SIPs: 1139#/1137 HSPs: 1977#/1895# BHT: 112 deg F Chlor: 30,000ppm (system: 5,000ppm)
4200			Muncie Creek 4218 (-1091)
4300			Stark 4319 (-1192)
4400			Hushpuckney 4362 (-1235)
4450			B/K.C. 4400 (-1273)
4500			Marmaton 4450 (-1323)
4550			DST # 3 (4447'-4466') 30'-30'-30'-30' FF: BCB in 7', no return FF: BCB in 12', no return FF: No blow, no return Rec: 3' Mud Figs: 34-368/36-37# SIPs: 650#/587# HSPs: 2332#/2283# BHT: 112 deg F
4600			Pawnee 4534 (-1407)
4650			DST # 4 (4542'-4600') 30'-30'-30'-30' FF: BCB in 12', no return FF: No blow, no return Rec: 3' Mud Figs: 34-368/36-37# SIPs: 2332#/2283# BHT: 112 deg F
4700			Myrc Station 4578 (-1451)
4750			Fort Scott 4590 (-1463)
4800			Cherokee Shale 4618 (-1481)
4850			Johnson Zone 4663 (-1536)



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 130963

Invoice Date: Apr 26, 2012

Page: 1

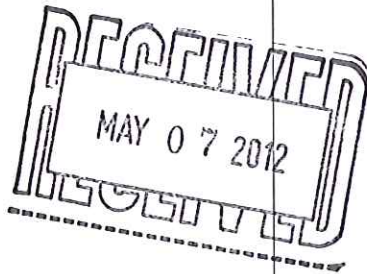


INT

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Carson 1-11	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Apr 26, 2012	5/26/12

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	16.25	2,843.75
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
189.23	SER	Cubic Feet	2.10	397.38
388.63	SER	Ton Miles	2.35	913.28
1.00	SER	Surface	1,125.00	1,125.00
45.00	SER	Heavy Vehicle Mileage	7.00	315.00
1.00	SER	Manifold Head Rental	200.00	200.00
45.00	SER	Light Vehicle Mileage	4.00	180.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Ethan Glassman		



10502-7

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

\$ 1277.48

ONLY IF PAID ON OR BEFORE
May 21, 2012

Subtotal	6,387.36
Sales Tax	237.74
Total Invoice Amount	6,625.10
Payment/Credit Applied	
TOTAL	6,625.10

DW

ALLIED OIL & GAS SERVICES, LLC 056254

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley

DATE <u>4-26-12</u>	SEC. <u>11</u>	TWP. <u>16</u>	RANGE <u>39</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 pm</u>	JOB FINISH <u>6:00 pm</u>
BASE <u>Carson</u>	WELL.# <u>1-11</u>	LOCATION <u>Pence 2E 1N 1/2W</u>			COUNTY <u>Scott</u>	STATE <u>Ks</u>	
LD OR NEW (Circle one) <u>NEW</u>		W/N WIND					

CONTRACTOR HO

TYPE OF JOB Surface

PIPE SIZE 12 1/2" T.D. 270'

CASING SIZE 8 3/8" DEPTH 270'

PIPE SIZE DEPTH

RILL PIPE DEPTH

COOL DEPTH

RES. MAX MINIMUM

FEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

ERFS.

DISPLACEMENT 16.24

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

429-281 HELPER Terry

ULK TRUCK

347 DRIVER Ethan

ULK TRUCK DRIVER

OWNER Same

CEMENT AMOUNT ORDERED 175 sks com

3% cc 2% gel

COMMON 175 sks @ 16.25 2843.75

POZMIX @

GEL 3 sks @ 21.25 63.75

CHLORIDE 6 sks @ 58.20 349.20

ASC @

@

@

@

@

@

@

@

HANDLING 189.2304 P @ 2.10 397.38

MILEAGE 8.63 tons/mile X 31.35 269.28

TOTAL 4567.36

REMARKS:

Cement did circulate

thank you

CHARGE TO: Shakespeare

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 270'

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @

MILEAGE 45 miles @ 7.00 315.00

MANIFOLD head @ 200.00

Light vehicle @ 4.00 180.00

@

TOTAL 1820.00

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL _____

I, Doug Roberts, of Allied Oil & Gas Services, LLC, do hereby request you 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 my 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 Doug Roberts

SIGNATURE Doug Roberts



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 131237

Invoice Date: May 15, 2012

Page: 1



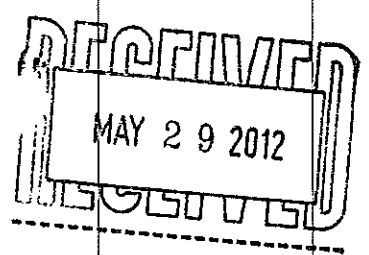
Bill To:
Shakespeare Oil Co., Inc.
202 West Main St.
Salem, IL 62881

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Shak	Carson # 1-11	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	May 15, 2012	6/14/12

Quantity	Item	Description	Unit Price	Amount
168.00	MAT	Class A Common	16.25	2,730.00
112.00	MAT	Pozmix	8.50	952.00
10.00	MAT	Gel	21.25	212.50
70.00	MAT	FloSeal	2.70	189.00
300.71	SER	Handling	2.10	631.49
45.00	SER	Ton miles	29.49	1,327.16
1.00	SER	Plugged to Abandon	1,250.00	1,250.00
45.00	SER	Heavy Vehicle Mileage	7.00	315.00
45.00	SER	Light Vehicle Mileage	4.00	180.00
1.00	EQP	7 7/8 Top Wooden Plug	92.00	92.00
1.00	EQUIP OPER	Darren Racette		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Brandon Wilkinson		

INT

10502-17
Plugging
Cement



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

\$ 1969.78

25%

ONLY IF PAID ON OR BEFORE
Jun 9, 2012

Subtotal	7,879.15
Sales Tax	575.18
Total Invoice Amount	8,454.33
Payment/Credit Applied	\$6,484.55
TOTAL	8,454.33

DW

ALLIED CEMENTING CO., LLC. 040972

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Orklay

DATE <i>5-15-12</i>	SEC. <i>11</i>	TWP. <i>16</i>	RANGE <i>34</i>	CALLED OUT	ON LOCATION <i>5:30 pm</i>	JOB START <i>6:30 pm</i>	JOB FINISH <i>7:30 pm</i>
EASE <i>Carson</i>	WELL# <i>1-11</i>	LOCATION <i>Pence 2E-1N-1/2W 1/2N</i>			COUNTY <i>Scott</i>	STATE <i>KS.</i>	
OLD OR NEW (Circle one) <i>NEW</i>				<i>Winto</i>			

CONTRACTOR *HD Drilling* OWNER *Same*

TYPE OF JOB *PTN*

HOLE SIZE *7 7/8* T.D. _____ CEMENT AMOUNT ORDERED *280 SKS 60/40 4% Gel*

CASING SIZE _____ DEPTH _____ *1/4" Flo seal*

TUBING SIZE _____ DEPTH _____

DRILL PIPE *4 1/2* DEPTH _____

COLL _____ DEPTH _____

RES. MAX _____ MINIMUM _____

FEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER *Darren R.*

423-281 HELPER *Jerry*

ULK TRUCK *404* DRIVER *Brandon*

ULK TRUCK _____ DRIVER _____

COMMON	<i>168 SKS</i>	@ <i>\$16.25</i>	<i>\$2730.00</i>
POZMIX	<i>112 SKS</i>	@ <i>\$8.50</i>	<i>\$952.00</i>
GEL	<i>10 SKS</i>	@ <i>\$21.25</i>	<i>\$212.50</i>
CHLORIDE	_____	@ _____	_____
ASC	_____	@ _____	_____
<i>Flo seal</i>	<i>70 #</i>	@ <i>\$2.70</i>	<i>\$189.00</i>
_____	_____	@ _____	_____
_____	_____	@ _____	_____
_____	_____	@ _____	_____
_____	_____	@ _____	_____
_____	_____	@ _____	_____
_____	_____	@ _____	_____
HANDLING	<i>300.71</i>	@ <i>\$2.10</i>	<i>\$631.47</i>
MILEAGE	<i>12.55 x 45 x</i>	@ <i>\$2.25</i>	<i>\$125.25</i>
TOTAL			<i>\$6042.15</i>

REMARKS:

mix 50 SKS Cement 2480ft

mix 80 SKS Cement 1680ft

mix 50 SKS Cement 870ft

mix 50 SKS Cement 305ft

mix 20 SKS Cement 60ft

Plug Rat hole 30 SKS.

Thank You.

SERVICE

DEPTH OF JOB _____		
PUMP TRUCK CHARGE _____	@	<i>\$1250.00</i>
EXTRA FOOTAGE _____	@	_____
MILEAGE <i>45</i> _____	@ <i>\$7.00</i>	<i>\$315.00</i>
MANIFOLD _____	@	_____
<i>LV mileage</i> _____	@ <i>\$4.00</i>	<i>\$180.00</i>
_____	@ _____	_____
TOTAL		<i>\$1745.00</i>

CHARGE TO: *Shakespeare*

FREE T _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<i>1 Top wooden Plug</i>	@	<i>\$92.00</i>
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL		<i>\$92.00</i>

I, *Doug Roberts*, of Allied Cementing Co., LLC, do hereby request 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 _____

NAME *Doug Roberts*

Doug Roberts

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

June 01, 2012

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

Re: ACO1
API 15-171-20882-00-00
Carson 1-11
SW/4 Sec.11-16S-34W
Scott County, Kansas

Dear Production Department:

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

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

Respectfully,
Don Williams