

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
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 # 7311
Name: Shakespeare Oil Company, Inc.
Address 1: 202 West Main Street
Address 2:
City: Salem State: IL Zip: 62881 + 1519
Contact Person: Donald R. Williams
Phone: (618) 548-1585
CONTRACTOR: License # 33935
Name: HD Drilling, LLC
Wellsite Geologist: Steve Davis
Purchaser: None

KCC
JUN 09 2010
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RECEIVED
KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION
WICHITA, KS

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 #:

5/12/10 5/23/10 5/23/10
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 109-20895 -0000
Spot Description:
SW SE NE SW Sec. 25 Twp. 13 S. R. 32 East West
1,415 Feet from North / South Line of Section
2,230 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Logan
Lease Name: B. Ottley Well #: 1-25
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 2950 Kelly Bushing: 2960
Total Depth: 4750 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 223' 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: 38,000 ppm Fluid volume: 1000 bbls
Dewatering method used: Air dry - backfill
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. East West
County: Permit #:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Donald R. Williams
Title: Vice President Date: 6/8/10

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 6-9-10
- Confidential Release Date: 6-9-12
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NJ Date: 6/8/10

Operator Name: Shakespeare Oil Company, Inc. Lease Name: B. Ottley Well #: 1-25
 Sec. 25 Twp. 13 S. R. 32 East West County: Logan

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" 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: Array, CDL/CNL, ML	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Geological Report
--	---

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	23#	223'	Class A	165	3% CaCl ₂ , 2% gel

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				

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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PO BOX 31 Russell, KS 67665

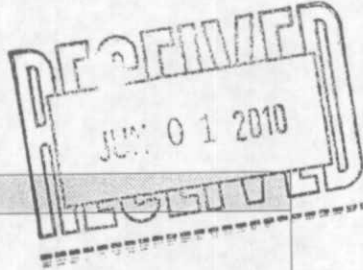
Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

Invoice Number: 122869

Invoice Date: May 23, 2010

Page: 1



KCC
JUN 06 2010
CONFIDENTIAL

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

wea job

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Ottley #1-25	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	May 23, 2010	6/22/10

Quantity	Item	Description	Unit Price	Amount
125.00	MAT	Class A Common	15.45	1,931.25
80.00	MAT	Pozmix	8.00	640.00
7.00	MAT	Gel	20.80	145.60
51.00	MAT	Flo Seal	2.50	127.50
214.00	SER	Handling	2.40	513.60
18.00	SER	Mileage 214 sx @.10 per sk per mi	21.40	385.20
1.00	SER	Plug to Abandon	1,018.00	1,018.00
18.00	SER	Pump Truck Mileage	7.00	126.00
1.00	EQP	8.5/8 Wooden Plug	40.00	40.00

INT

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 11 2010

CONSERVATION DIVISION
WICHITA, KS

Subtotal	4,927.15
Sales Tax	310.41
Total Invoice Amount	5,237.56
Payment/Credit Applied	
TOTAL	5,237.56

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

\$ *985.43*

ONLY IF PAID ON OR BEFORE

Jun 17, 2010

ALLIED CEMENTING CO., LLC. 038856

KCC

JUN 06 2010

SERVICE POINT:

CONFIDENTIAL

Dakley Ks

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

DATE <i>5/23/10</i>	SEC. <i>25</i>	TWP <i>13</i>	RANGE <i>32</i>	CALLED OUT	ON LOCATION <i>4:30</i>	JOB START <i>6:00pm</i>	JOB FINISH <i>2:00pm</i>
LEASE <i>Ottley</i>	WELL # <i>1-25</i>	LOCATION <i>Dakley 570 Rd 1 1/2 W</i>		COUNTY <i>Logan</i>	STATE <i>Ks</i>		
FOR NEW (Circle one) <i>NEW</i>							

CONTRACTOR *H-D Drilling*
 TYPE OF JOB *PTA*
 HOLE SIZE *7 1/8* T.D.
 CASING SIZE *8 5/8* DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE *4 1/2* DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER *Same*

CEMENT
 AMOUNT ORDERED *205 60/40 400 gpd*
1/4 1/6 FLO Seal

EQUIPMENT
 PUMP TRUCK CEMENTER *Alan*
 # *422* HELPER *Wayne*
 BULK TRUCK
 # *347* DRIVER *Jerry*
 BULK TRUCK
 # DRIVER

COMMON	<i>125</i>	@ <i>15.45</i>	<i>1931.25</i>
POZMIX	<i>80</i>	@ <i>8.00</i>	<i>640.00</i>
GEL	<i>7</i>	@ <i>20.80</i>	<i>145.60</i>
CHLORIDE		@	
ASC		@	
<i>FLO Seal 5/16</i>		@ <i>2.50</i>	<i>127.50</i>
RECEIVED KANSAS CORPORATION COMMISSION			
JUN 11 2010			
CONSERVATION DIVISION WICHITA, KS			
HANDLING	<i>214 SKs</i>	@ <i>2.40</i>	<i>513.60</i>
MILEAGE	<i>104 SK/mile</i>	@	<i>385.20</i>
			TOTAL <i>3743.15</i>

REMARKS:

25 SKs @ 2400'
100 SKs @ 1400' 75
40 SKs @ 275' L
40 SKs @ 40'
30 SKs @ Best Hole

*Thank You
 Alan, Wayne, Jerry*

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

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<i>1018.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>18 mile</i>	@ <i>7.00</i>	<i>126.00</i>
MANIFOLD		@	
			TOTAL <i>1144.00</i>

PLUG & FLOAT EQUIPMENT

<i>8 5/8 wooden Plug</i>	@	<i>40.00</i>	
	@		
	@		
	@		
			TOTAL <i>40.00</i>

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 *Doug Roberts*
 SIGNATURE *Doug Roberts*
Thanks!



PO BOX 31 Russell, KS 67665

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

INVOICE

Invoice Number: 122670
 Invoice Date: May 12, 2010
 Page: 1

KCC
JUN 06 2010
CONFIDENTIAL

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

file copy

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Ottley #1-25	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	May 12, 2010	6/11/10

Quantity	Item	Description	Unit Price	Amount
170.00	MAT	Class A Common	15.45	2,626.50
3.00	MAT	Gel	20.80	62.40
6.00	MAT	Chloride	58.20	349.20
179.00	SER	Handling	2.40	429.60
18.00	SER	Mileage 179 sx @.10 per sk per mi	17.90	322.20
1.00	SER	Surface	1,018.00	1,018.00
18.00	SER	Pump Truck Mileage	7.00	126.00

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUN 11 2010
 CONSERVATION DIVISION
 WICHITA, KS

Subtotal	4,933.90
Sales Tax	191.40
Total Invoice Amount	5,125.30
Payment/Credit Applied	
TOTAL	5,125.30

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

\$ 986.78

ONLY IF PAID ON OR BEFORE
 Jun 6, 2010



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Company Inc.**

202 Main Street
Salem IL 62881

ATTN: Steve Davis

25-13-32 Logan KS

B-Ottley #1-25

Start Date: 2010.05.17 @ 17:12:05

End Date: 2010.05.17 @ 23:23:59

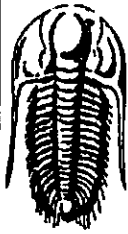
Job Ticket #: 38255 DST #: 1

KCC
JUN 06 2010
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 11 2010
CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

Job Ticket: 38255

DST#: 1

ATTN: Steve Davis

Test Start: 2010.05.17 @ 17:12:05

GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 19:00:15

Time Test Ended: 23:23:59

Test Type: **Conventional Bottom Hole**

Tester: **Mike Roberts**

Unit No: **40**

Interval: **4009.00 ft (KB) To 4030.00 ft (KB) (TVD)**

Reference Elevations: **2958.00 ft (KB)**

Total Depth: **4030.00 ft (KB) (TVD)**

2950.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **8.00 ft**

Serial #: 6771

Outside

Press@RunDepth: **39.36 psig @ 4010.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.05.17**

End Date:

2010.05.17

Last Calib.: **2010.05.17**

Start Time: **17:12:05**

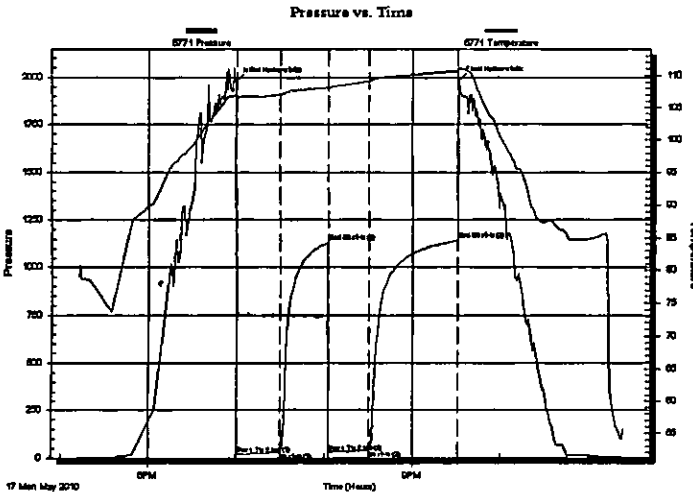
End Time:

23:23:59

Time On Btm: **2010.05.17 @ 19:00:00**

Time Off Btm: **2010.05.17 @ 21:31:44**

TEST COMMENT: IF:Surface blow
IS:No return blow
FF:No blow
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1981.47	107.10	Initial Hydro-static
1	18.45	106.12	Open To Flow (1)
31	29.37	107.07	Shut-In(1)
63	1131.76	108.19	End Shut-In(1)
63	31.12	107.66	Open To Flow (2)
91	39.36	109.17	Shut-In(2)
151	1141.68	110.66	End Shut-In(2)
152	1985.88	111.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MWOSpecs	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

ATTN: Steve Davis

Job Ticket: 38255

DST#: 1

Test Start: 2010.05.17 @ 17:12:05

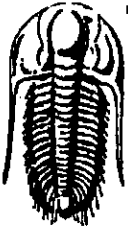
Tool Information

Drill Pipe:	Length: 3990.00 ft	Diameter: 3.80 inches	Volume: 55.97 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 56.58 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	132.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4009.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3983.00	
Shut In Tool	5.00			3988.00	
Hydraulic tool	5.00			3993.00	
Jars	5.00			3998.00	
Safety Joint	2.00			4000.00	
Packer	5.00			4005.00	27.00 Bottom Of Top Packer
Packer	4.00			4009.00	
Stubb	1.00			4010.00	
Recorder	0.00	6771	Outside	4010.00	
Recorder	0.00	8368	Inside	4010.00	
Perforations	15.00			4025.00	
Bullnose	5.00			4030.00	21.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem L 62881

25-13-32 Logan KS

Job Ticket: 38255

DST#: 1

ATTN: Steve Davis

Test Start: 2010.05.17 @ 17:12:05

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: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.90 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
20.00	MVOSpecs	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbf

Num Fluid Samples: 0

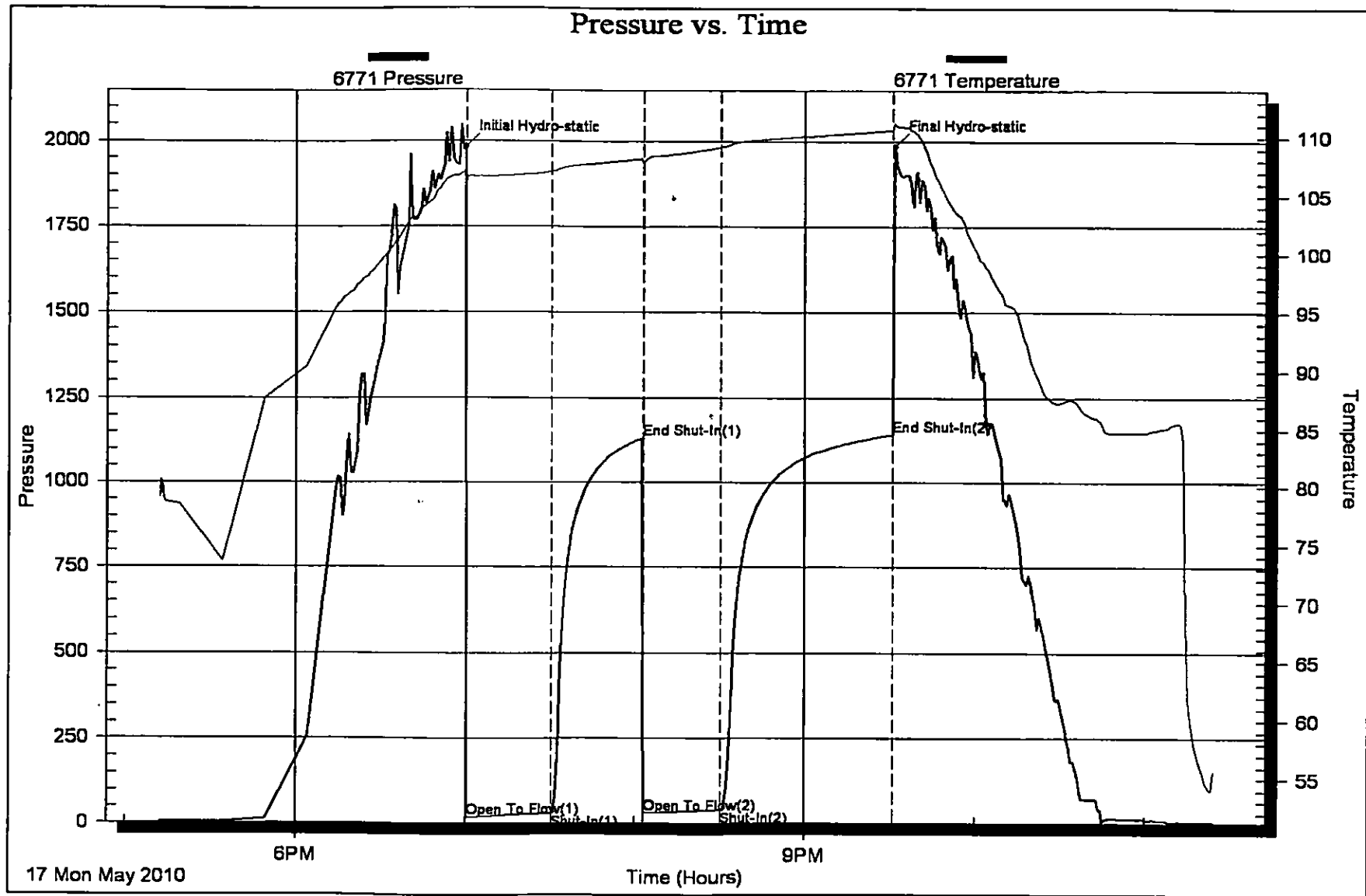
Num Gas Bombs: 0

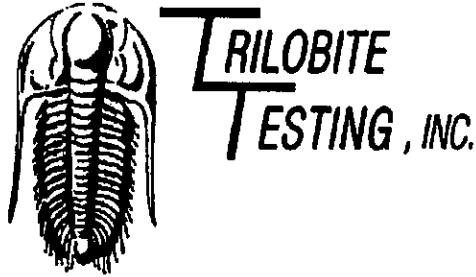
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Company Inc.**

202 Main Street
Salem IL 62881

ATTN: Steve Davis

25-13-32 Logan KS

B-Ottley #1-25

Start Date: 2010.05.18 @ 16:55:05

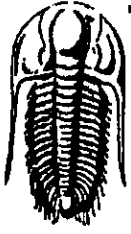
End Date: 2010.05.18 @ 23:49:14

Job Ticket #: 38256 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

ATTN: Steve Davis

Job Ticket: 38256

DST#: 2

Test Start: 2010.05.18 @ 16:55:05

GENERAL INFORMATION:

Formation: **Lansing "E-F"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 18:27:45
 Time Test Ended: 23:49:14

Test Type: **Conventional Bottom Hole**
 Tester: **Mike Roberts**
 Unit No: **40**

Interval: **4060.00 ft (KB) To 4096.00 ft (KB) (TVD)**
 Total Depth: **4096.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2958.00 ft (KB)**
2950.00 ft (CF)
 KB to GR/CF: **8.00 ft**

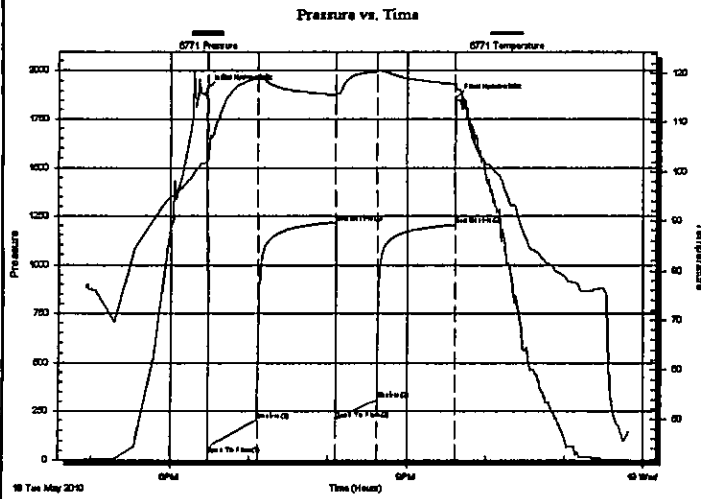
Serial #: 6771

Outside

Press@RunDepth: **308.57 psig @ 4061.00 ft (KB)**
 Start Date: **2010.05.18** End Date: **2010.05.18**
 Start Time: **16:55:05** End Time: **23:49:14**

Capacity: **8000.00 psig**
 Last Calib.: **2010.05.18**
 Time On Btrn: **2010.05.18 @ 18:27:30**
 Time Off Btrn: **2010.05.18 @ 21:37:29**

TEST COMMENT: IF:BOB in 14 min.
 IS:No return blow
 FF:BOB in 13 min
 FS:No return blow



PRESSURE SUMMARY

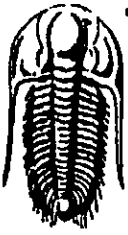
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1907.46	102.37	Initial Hydro-static
1	26.85	101.28	Open To Flow (1)
39	202.60	119.02	Shut-In(1)
98	1216.88	115.65	End Shut-In(1)
99	206.25	115.43	Open To Flow (2)
130	308.57	120.34	Shut-In(2)
189	1203.89	117.89	End Shut-In(2)
190	1865.25	117.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
486.00	SW 100%	5.69

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

ATTN: Steve Davis

Job Ticket: 38256

DST#: 2

Test Start: 2010.05.18 @ 16:55:05

Tool Information

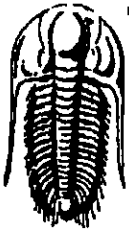
Drill Pipe:	Length: 3924.00 ft	Diameter: 3.80 inches	Volume: 55.04 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume:	55.65 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4060.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4034.00	
Shut In Tool	5.00			4039.00	
Hydraulic tool	5.00			4044.00	
Jars	5.00			4049.00	
Safety Joint	2.00			4051.00	
Packer	5.00			4056.00	27.00 Bottom Of Top Packer
Packer	4.00			4060.00	
Stubb	1.00			4061.00	
Recorder	0.00	6771	Outside	4061.00	
Recorder	0.00	8368	Inside	4061.00	
Perforations	30.00			4091.00	
Bullnose	5.00			4096.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

Job Ticket: 38256

DST#: 2

ATTN: Steve Davis

Test Start: 2010.05.18 @ 16:55:05

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.93 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
486.00	SW 100%	5.688

Total Length: 486.00 ft Total Volume: 5.688 bbl

Num Fluid Samples: 0

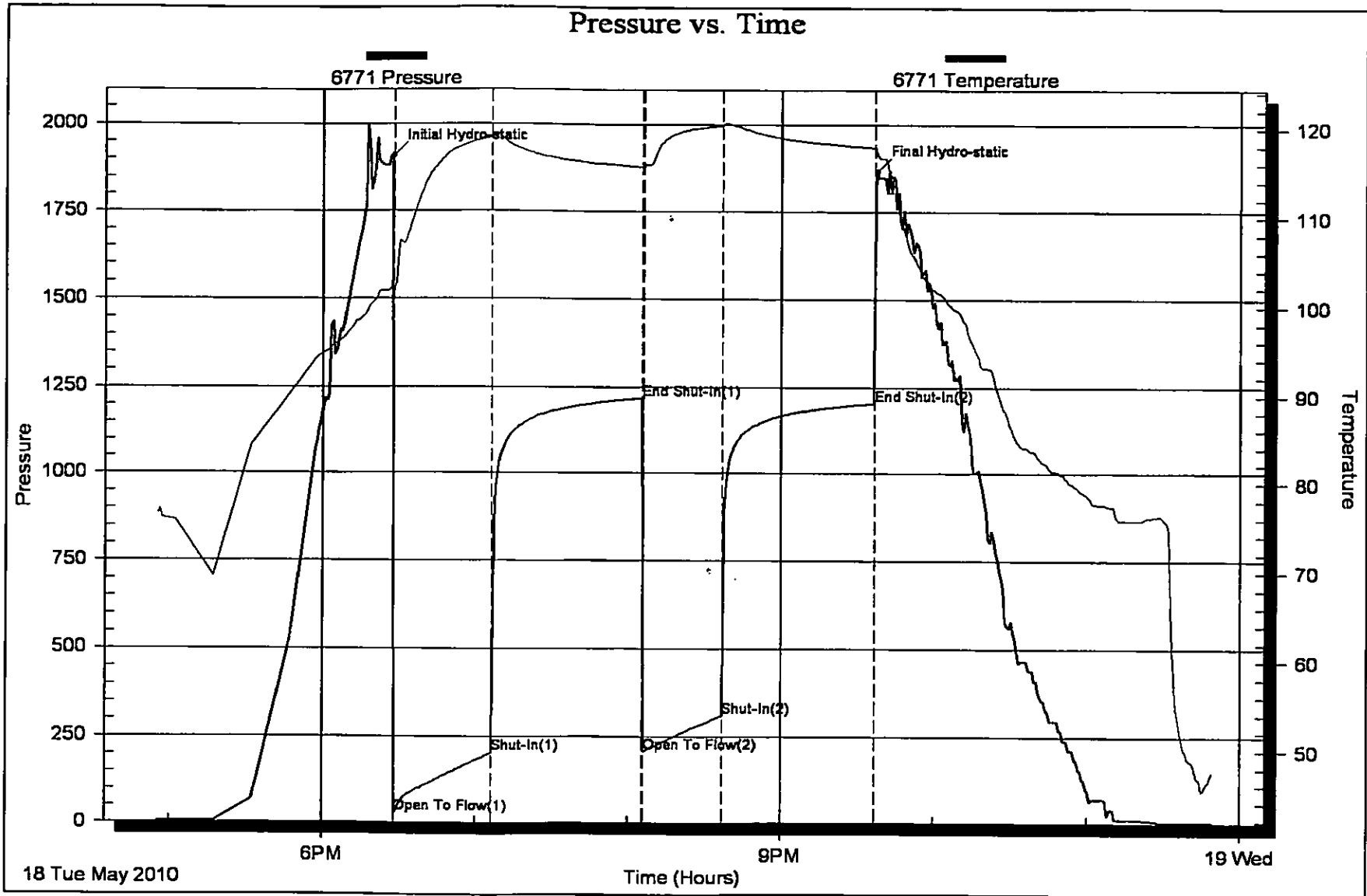
Num Gas Bombs: 0

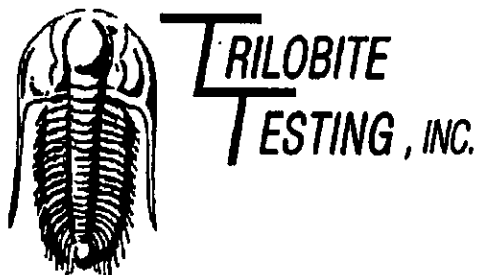
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .520@ 50 degrees =20,000 ppm





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Company Inc.**

202 Main Street
Salem IL 62881

ATTN: Steve Davis

25-13-32 Logan KS

B-Ottley #1-25

Start Date: 2010.05.19 @ 20:22:05

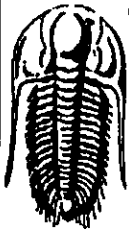
End Date: 2010.05.20 @ 01:53:59

Job Ticket #: 38257 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

Job Ticket: 38257

DST#: 3

ATTN: Steve Davis

Test Start: 2010.05.19 @ 20:22:05

GENERAL INFORMATION:

Formation: **Lansing "I-J"**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 21:56:00

Time Test Ended: 01:53:59

Test Type: **Conventional Bottom Hole**

Tester: **Mike Roberts**

Unit No: **40**

Interval: **4172.00 ft (KB) To 4225.00 ft (KB) (TVD)**

Total Depth: **4225.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2958.00 ft (KB)**

2950.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6771

Outside

Press@RunDepth: **38.05 psig @ 4205.00 ft (KB)**

Start Date: **2010.05.19**

End Date:

2010.05.20

Start Time: **20:22:05**

End Time:

01:53:59

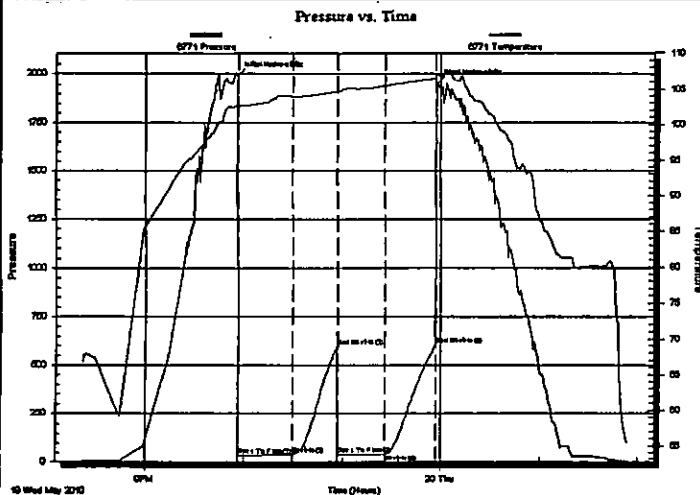
Capacity: **8000.00 psig**

Last Calib.: **2010.05.20**

Time On Btm: **2010.05.19 @ 21:55:45**

Time Off Btm: **2010.05.19 @ 23:57:15**

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



PRESSURE SUMMARY

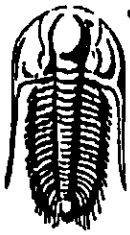
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1990.85	102.65	Initial Hydro-static
1	33.70	102.06	Open To Flow (1)
34	36.72	103.80	Shut-In(1)
61	597.40	104.57	End Shut-In(1)
62	37.47	104.47	Open To Flow (2)
91	38.05	105.45	Shut-In(2)
121	603.69	106.45	End Shut-In(2)
122	1952.60	106.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100%	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

ATTN: Steve Davis

Job Ticket: 38257

DST#: 3

Test Start: 2010.05.19 @ 20:22:05

Tool Information

Drill Pipe:	Length: 4045.00 ft	Diameter: 3.80 inches	Volume: 56.74 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 85000.00 lb
			Total Volume: 57.35 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4172.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	80.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4146.00	
Shut In Tool	5.00			4151.00	
Hydraulic tool	5.00			4156.00	
Jars	5.00			4161.00	
Safety Joint	2.00			4163.00	
Packer	5.00			4168.00	27.00 Bottom Of Top Packer
Packer	4.00			4172.00	
Stubb	1.00			4173.00	
Change Over Sub	1.00			4174.00	
Drill Pipe	30.00			4204.00	
Change Over Sub	1.00			4205.00	
Recorder	0.00	6771	Outside	4205.00	
Recorder	0.00	8368	Inside	4205.00	
Perforations	15.00			4220.00	
Bullnose	5.00			4225.00	53.00 Bottom Packers & Anchor

Total Tool Length: 80.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

Job Ticket: 38257

DST#: 3

ATTN: Steve Davis

Test Start: 2010.05.19 @ 20:22:05

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.93 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

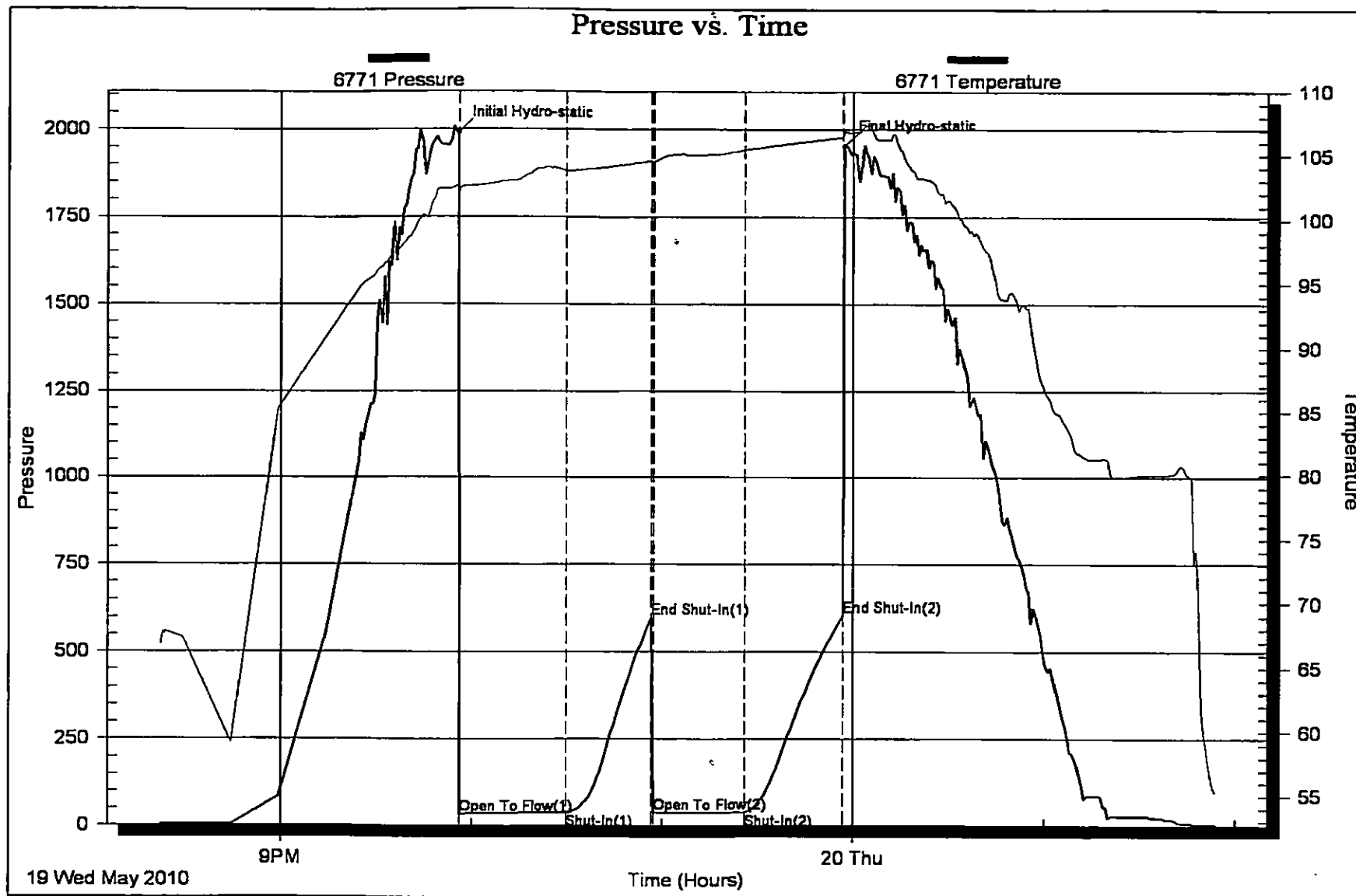
Num Gas Bombs: 0

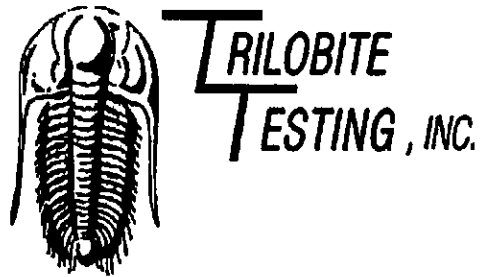
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Company Inc.**

202 Main Street
Salem IL 62881

ATTN: Steve Davis

25-13-32 Logan KS

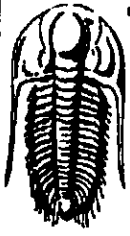
B-Ottley #1-25

Start Date: 2010.05.21 @ 15:50:33

End Date: 2010.05.21 @ 21:30:48

Job Ticket #: 38840 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

ATTN: Steve Davis

Job Ticket: 38840

DST#: 4

Test Start: 2010.05.21 @ 15:50:33

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 17:21:33

Time Test Ended: 21:30:48

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4528.00 ft (KB) To 4570.00 ft (KB) (TVD)**

Total Depth: **4570.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2958.00 ft (KB)**

2950.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: **8368**

Inside

Press@RunDepth: **31.51 psig @ 4529.00 ft (KB)**

Start Date: **2010.05.21**

End Date:

2010.05.21

Start Time: **15:50:33**

End Time:

21:13:48

Capacity: **8000.00 psig**

Last Calib.: **2010.05.21**

Time On Btm: **2010.05.21 @ 17:21:18**

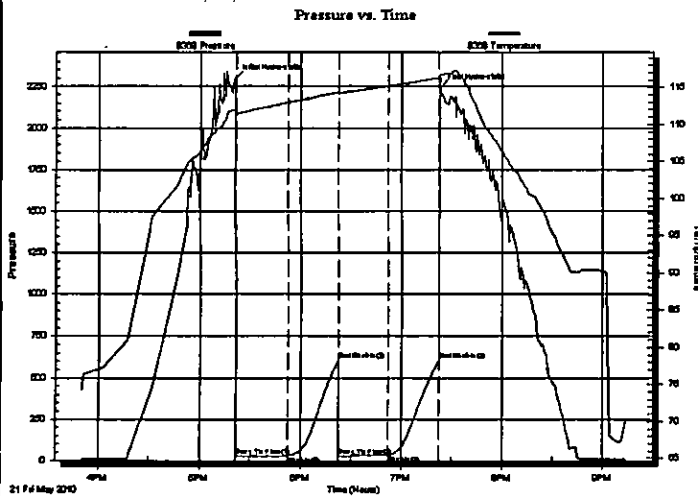
Time Off Btm: **2010.05.21 @ 19:23:03**

TEST COMMENT: **Weak blow died in 9 min.**

No return

No blow

No return



PRESSURE SUMMARY

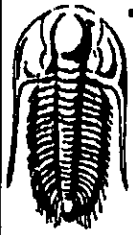
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.72	112.02	Initial Hydro-static
1	27.68	111.29	Open To Flow (1)
32	29.49	112.97	Shut-in(1)
61	604.89	114.34	End Shut-in(1)
62	29.82	114.17	Open To Flow (2)
91	31.51	115.20	Shut-in(2)
121	606.14	116.33	End Shut-in(2)
122	2244.04	116.69	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

ATTN: Steve Davis

Job Ticket: 38840

DST#: 4

Test Start: 2010.05.21 @ 15:50:33

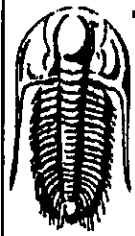
Tool Information

Drill Pipe:	Length: 4408.00 ft	Diameter: 3.80 inches	Volume: 61.83 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 85000.00 lb
			Total Volume: 62.44 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4528.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4502.00	
Shut In Tool	5.00			4507.00	
Hydraulic tool	5.00			4512.00	
Jars	5.00			4517.00	
Safety Joint	2.00			4519.00	
Packer	5.00			4524.00	27.00 Bottom Of Top Packer
Packer	4.00			4528.00	
Stubb	1.00			4529.00	
Recorder	0.00	6771	Outside	4529.00	
Recorder	0.00	8368	Inside	4529.00	
Perforations	4.00			4533.00	
Change Over Sub	1.00			4534.00	
Drill Pipe	30.00			4564.00	
Change Over Sub	1.00			4565.00	
Bullnose	5.00			4570.00	42.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

Job Ticket: 38840

DST#: 4

ATTN: Steve Davis

Test Start: 2010.05.21 @ 15:50:33

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: 8.76 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

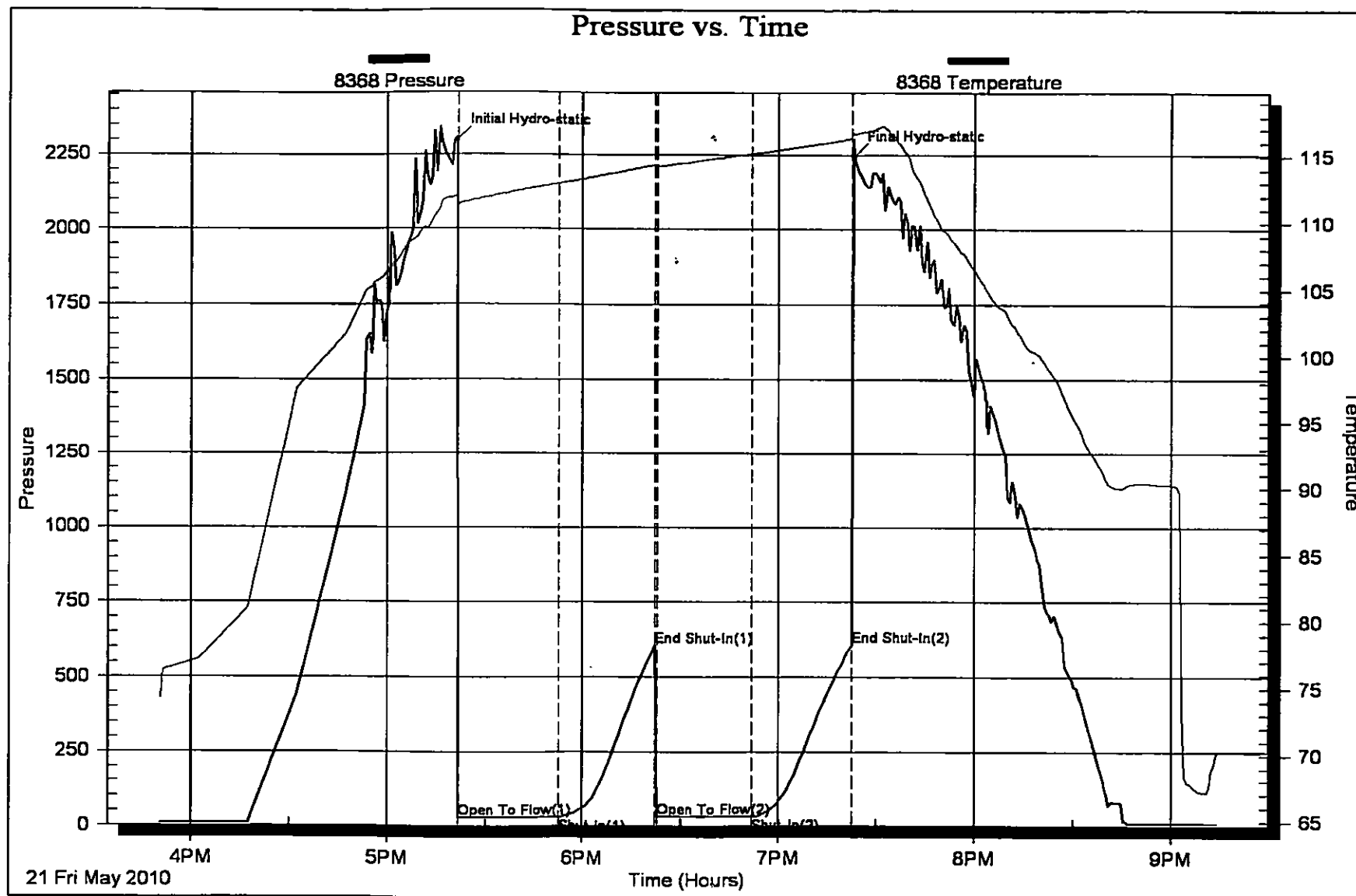
Length ft	Description	Volume bbl
2.00	mud 100% _m	0.010

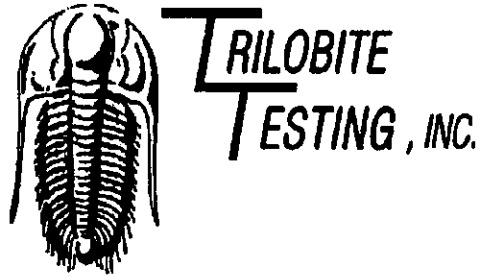
Total Length: 2.00 ft Total Volume: 0.010 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Company Inc.**

202 Main Street
Salem IL 62881

ATTN: Steve Davis

25-13-32 Logan KS

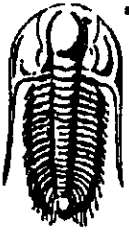
B-Ottley #1-25

Start Date: 2010.05.22 @ 11:00:36

End Date: 2010.05.22 @ 18:40:06

Job Ticket #: 38841 DST #: 5

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

Job Ticket: 38841

DST#: 5

ATTN: Steve Davis

Test Start: 2010.05.22 @ 11:00:36

GENERAL INFORMATION:

Formation: **morrow,miss**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 12:49:51

Time Test Ended: 18:40:06

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4564.00 ft (KB) To 4672.00 ft (KB) (TVD)**

Reference Elevations: **2958.00 ft (KB)**

Total Depth: **4672.00 ft (KB) (TVD)**

2950.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **8.00 ft**

Serial #: 6771

Outside

Press@RunDepth: **109.79 psig @ 4565.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.05.22**

End Date:

2010.05.22

Last Calib.:

2010.05.22

Start Time: **11:00:36**

End Time:

18:27:06

Time On Btm:

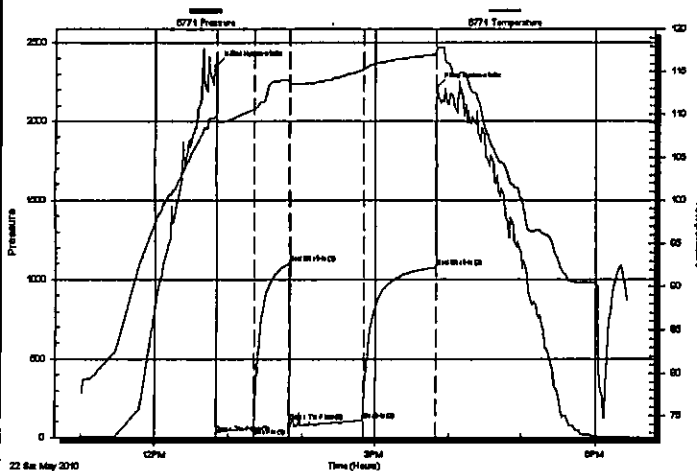
2010.05.22 @ 12:49:36

Time Off Btm:

2010.05.22 @ 15:50:36

TEST COMMENT: 1/2" in blow died back to 1/8" in
No return
1/8" in blow blew throughout
No return

Pressure vs. Time



PRESSURE SUMMARY

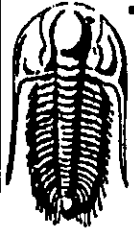
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2357.02	109.76	Initial Hydro-static
1	32.12	108.98	Open To Flow (1)
32	61.43	110.58	Shut-In(1)
60	1102.46	114.01	End Shut-In(1)
61	105.28	113.62	Open To Flow (2)
121	109.79	115.25	Shut-In(2)
180	1076.94	117.08	End Shut-In(2)
181	2219.11	117.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud 100% m	0.59

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem IL 62881

25-13-32 Logan KS

Job Ticket: 38841

DST#: 5

ATTN: Steve Davis

Test Start: 2010.05.22 @ 11:00:36

Tool Information

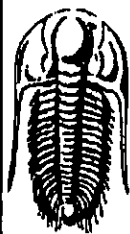
Drill Pipe:	Length: 4324.00 ft	Diameter: 3.80 inches	Volume: 60.65 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 94000.00 lb
			Total Volume: 61.85 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4564.00 ft			Final 81000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	108.00 ft			
Tool Length:	135.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4538.00	
Shut In Tool	5.00			4543.00	
Hydraulic tool	5.00			4548.00	
Jars	5.00			4553.00	
Safety Joint	2.00			4555.00	
Packer	5.00			4560.00	27.00 Bottom Of Top Packer
Packer	4.00			4564.00	
Stubb	1.00			4565.00	
Recorder	0.00	6771	Outside	4565.00	
Recorder	0.00	8368	Inside	4565.00	
Perforations	8.00			4573.00	
Change Over Sub	1.00			4574.00	
Drill Pipe	92.00			4666.00	
Change Over Sub	1.00			4667.00	
Bullnose	5.00			4672.00	108.00 Bottom Packers & Anchor

Total Tool Length: 135.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company Inc.

B-Ottley #1-25

202 Main Street
Salem L 62881

25-13-32 Logan KS

Job Ticket: 38841

DST#: 5

ATTN: Steve Davis

Test Start: 2010.05.22 @ 11:00:36

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: 8.76 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mud 100% _m	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

