

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 33575  
Name: WW Drilling, LLC  
Wellsite Geologist: Brad Rine  
Purchaser: None

KCC  
JUN 09 2010  
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KANSAS CORPORATION COMMISSION

JUN 11 2010

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 #: \_\_\_\_\_

4/21/10 4/28/10 4/29/10

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

API No. 15 - 063-21834 - 0000

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

NW SW SE SW Sec. 34 Twp. 13 S. R. 31  East  West

335 Feet from  North /  South Line of Section

1,339 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

County: Gove

Lease Name: Joseph Well #: 1-34

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2915 Kelly Bushing: 2920

Total Depth: 4700 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 219' 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: NS Date: 6-8-10

PA

Operator Name: Shakespeare Oil Company, Inc. Lease Name: Joseph Well #: 1-34  
 Sec. 34 Twp. 13 S. R. 31  East  West County: Gove

**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: <b>Array, CDL/CNL, ML/Sonic</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum See Geological Report
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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#	219'	Class A	165	3% CaCl2, 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

# INVOICE

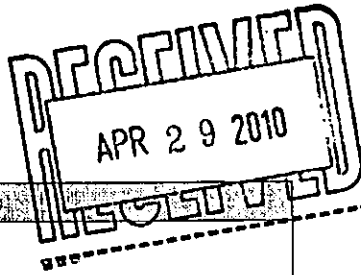
Invoice Number: 122397

Invoice Date: Apr 22, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566



**Bill To:**

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

*well job INT*

**JUN 06 2010  
CONFIDENTIAL**

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Joseph #1-34	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Apr 22, 2010	5/22/10

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	15.45	2,549.25
3.00	MAT	Gel	20.80	62.40
6.00	MAT	Chloride	58.20	349.20
174.00	SER	Handling	2.40	417.60
20.00	SER	Mileage 174 sx @ .10 per sk per mi	17.40	348.00
1.00	SER	Surface	1,018.00	1,018.00
20.00	SER	Pump truck Mileage	7.00	140.00

Subtotal	4,884.45
Sales Tax	208.74
Total Invoice Amount	5,093.19
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,093.19</b>

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

\$ **976.89**

ONLY IF PAID ON OR BEFORE

**May 17, 2010**





PO BOX 31 Russell, KS 67665

KCC  
JUN 06 2010  
CONFIDENTIAL

# INVOICE

Invoice Number: 122531

Invoice Date: Apr 29, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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

*well job INT*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Joseph #1-34	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Apr 29, 2010	5/29/10

Quantity	Item	Description	Unit Price	Amount
135.00	MAT	Class A Common	15.45	2,085.75
90.00	MAT	Pozmix	8.00	720.00
8.00	MAT	Gel	20.80	166.40
56.00	MAT	Flo Seal	2.50	140.00
235.00	SER	Handling	2.40	564.00
20.00	SER	Mileage 235 sx @.10 per sk per mi	23.50	470.00
1.00	SER	Plug to Abandon	1,185.00	1,185.00
20.00	SER	Pump Truck Mileage	7.00	140.00
1.00	EQP	8.5/8 Dry Hole Plug	40.00	40.00

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MAY 07 2010  
KANSAS CORPORATION COMMISSION

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KANSAS CORPORATION COMMISSION  
JUN 11 2010  
CONSERVATION DIVISION  
WICHITA, KS

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

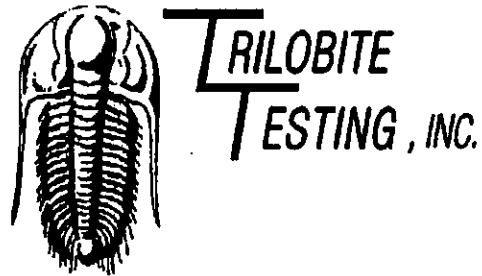
\$ 1102.23

ONLY IF PAID ON OR BEFORE

May 24, 2010

Subtotal	5,511.15
Sales Tax	388.54
Total Invoice Amount	5,899.69
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,899.69</b>





## DRILL STEM TEST REPORT

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

202 W. Main St.  
Salem, IL 62881

ATTN: Brad Rine

**S34-13-31 Gove, KS**

**Joseph #1-34**

Start Date: 2010.04.28 @ 04:29:00

End Date: 2010.04.28 @ 12:56:00

Job Ticket #: 38899                      DST #: 1

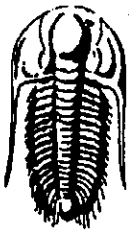
**KCC**  
**JUN 06 2010**  
**CONFIDENTIAL**

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KANSAS CORPORATION COMMISSION

**JUN 11 2010**

CONSERVATION DIVISION  
WICHITA, KS

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.

**Joseph #1-34**

202 W. Main St.  
Salem, IL 62881

**S34-13-31 Gove, KS**

Job Ticket: 38899

**DST#: 1**

ATTN: Brad Rine

Test Start: 2010.04.28 @ 04:29:00

## GENERAL INFORMATION:

Formation: **Johnson**

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

Time Tool Opened: 07:13:50

Time Test Ended: 12:56:00

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **4533.00 ft (KB) To 4590.00 ft (KB) (TVD)**

Reference Elevations: **2920.00 ft (KB)**

Total Depth: **4590.00 ft (KB) (TVD)**

**2915.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: **5.00 ft**

**Serial #: 8357**

**Inside**

Press@RunDepth: **111.81 psig @ 4537.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.04.28**

End Date:

**2010.04.28**

Last Calib.: **2010.04.28**

Start Time: **04:29:05**

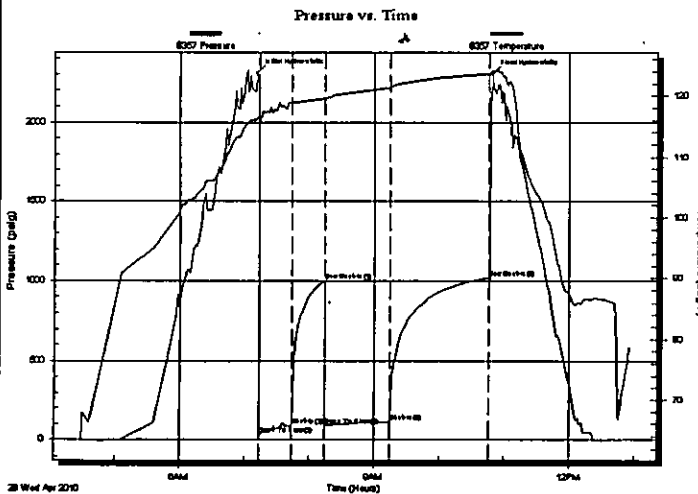
End Time:

**12:55:59**

Time On Btm: **2010.04.28 @ 07:11:20**

Time Off Btm: **2010.04.28 @ 10:48:39**

**TEST COMMENT:** IF: 2" Blow.  
ISI: No return.  
FF: 1 1/4" Blow.  
FSI: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2310.26	116.45	Initial Hydro-static
3	30.37	115.54	Open To Flow (1)
33	88.25	118.78	Shut-In(1)
63	1002.44	119.53	End Shut-In(1)
64	88.98	119.12	Open To Flow (2)
124	111.81	121.39	Shut-In(2)
215	1019.22	123.59	End Shut-In(2)
218	2303.39	124.09	Final Hydro-static

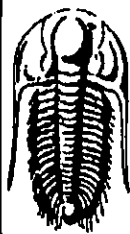
## Recovery

Length (ft)	Description	Volume (bbl)
62.00	WM 5%W 95%M	0.30
144.00	M 100%M	1.46
0.00	RW: .275 @ 79 Degrees F = 20000PPM	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Company, Inc.

Joseph #1-34

202 W. Main St.  
Salem, IL 62881

S34-13-31 Gove, KS

Job Ticket: 38899

DST#: 1

ATTN: Brad Rine

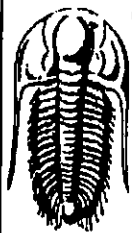
Test Start: 2010.04.28 @ 04:29:00

### Tool Information

Drill Pipe:	Length: 4411.00 ft	Diameter: 3.80 inches	Volume: 61.87 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 62.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.50 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4533.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	84.50 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			4506.50	
Shut In Tool	5.00			4511.50	
Hydraulic tool	5.00			4516.50	
Jars	5.00			4521.50	
Safety Joint	2.50			4524.00	
Packer	5.00			4529.00	27.50 Bottom Of Top Packer
Packer	4.00			4533.00	
Stubb	1.00			4534.00	
Perforations	3.00			4537.00	
Recorder	0.00	8357	Inside	4537.00	
Recorder	0.00	6751	Outside	4537.00	
Perforations	17.00			4554.00	
Change Over Sub	1.00			4555.00	
Drill Pipe	31.00			4586.00	
Change Over Sub	1.00			4587.00	
Bullnose	3.00			4590.00	57.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>84.50</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

## FLUID SUMMARY

Shakespeare Oil Company, Inc.

Joseph #1-34

202 W. Main St.  
Salem, IL 62881

S34-13-31 Gove, KS

Job Ticket: 38899

DST#: 1

ATTN: Brad Fine

Test Start: 2010.04.28 @ 04:29:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 9.59 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 0 deg API

Water Salinity: 20000 ppm

### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
62.00	WM 5%W 95%M	0.305
144.00	M 100%M	1.455
0.00	RW: .275 @ 79 Degrees F = 20000PPM	0.000

Total Length: 206.00 ft      Total Volume: 1.760 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: .

Laboratory Name:

Laboratory Location:

Recovery Comments:

