



KANSAS CORPORATION COMMISSION 1061569  
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: \_\_\_\_\_



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
-----------------------------------	-----------	---------	-------------	---------------	---------

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: _____ _____
---	--	--

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Younkin 1-2
Doc ID	1061569

All Electric Logs Run

Array Induction
Photo Density
Comp Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Younkin 1-2
Doc ID	1061569

Tops

Name	Top	Datum
Heebner	3763	-843
Lansing	3816	-896
BKC	4146	-1226
Marmaton	4206	-1286
Pawnee	4270	-1350
Ft. Scott	4330	-1410
Johnson	4404	-1484
Morrow Sh	4465	-1545
Morrow SS	4502	-1582
Mississippi	4532	-1612
Stone Corral	2320	+600



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

**Younkin 1-2**

202 W Main ST  
Salem IL, 62881-1519

**2-14-34w**

Job Ticket: 042674

**DST#: 1**

ATTN: Kevin Bailey

Test Start: 2011.07.14 @ 03:30:00

## GENERAL INFORMATION:

Formation: **Kansas City "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:32:00

Time Test Ended: 12:11:00

Test Type: Conventional Bottom Hole

Tester: Jace McKinney

Unit No: 28

**Interval: 4035.00 ft (KB) To 4066.00 ft (KB) (TVD)**

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4066.00 ft (KB) (TVD)

2910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press @ Run Depth: 382.39 psig @ 4036.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.14

End Date:

2011.07.14

Last Calib.:

2011.07.14

Start Time: 03:30:01

End Time:

12:11:00

Time On Btm:

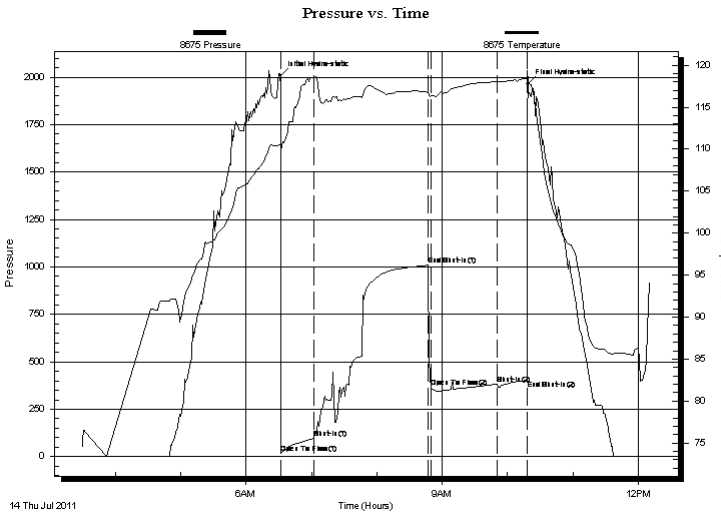
2011.07.14 @ 06:31:45

Time Off Btm:

2011.07.14 @ 10:18:45

**TEST COMMENT:** B.O.B. in 29 min.  
Built To 2" Return Blow  
Built to 41/2" Blow  
B.O.B. in 42 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.65	110.52	Initial Hydro-static
1	20.03	109.83	Open To Flow (1)
31	97.55	118.52	Shut-In(1)
136	1008.48	116.84	End Shut-In(1)
138	368.49	116.41	Open To Flow (2)
199	382.39	118.01	Shut-In(2)
226	402.43	118.43	End Shut-In(2)
227	1964.00	118.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1260' Gas In Pipe	0.00
420.00	MCW 20%M 80%W	5.07
240.00	MCW 40%m 60%w	3.37

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Company Inc.

**Younkin 1-2**

202 W Main ST  
Salem IL, 62881-1519

**2-14-34w**

Job Ticket: 042674

**DST#: 1**

ATTN: Kevin Bailey

Test Start: 2011.07.14 @ 03:30:00

## 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: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1260' Gas In Pipe	0.000
420.00	MCW 20%M 80%W	5.072
240.00	MCW 40%m 60%w	3.367

Total Length: 660.00 ft      Total Volume: 8.439 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

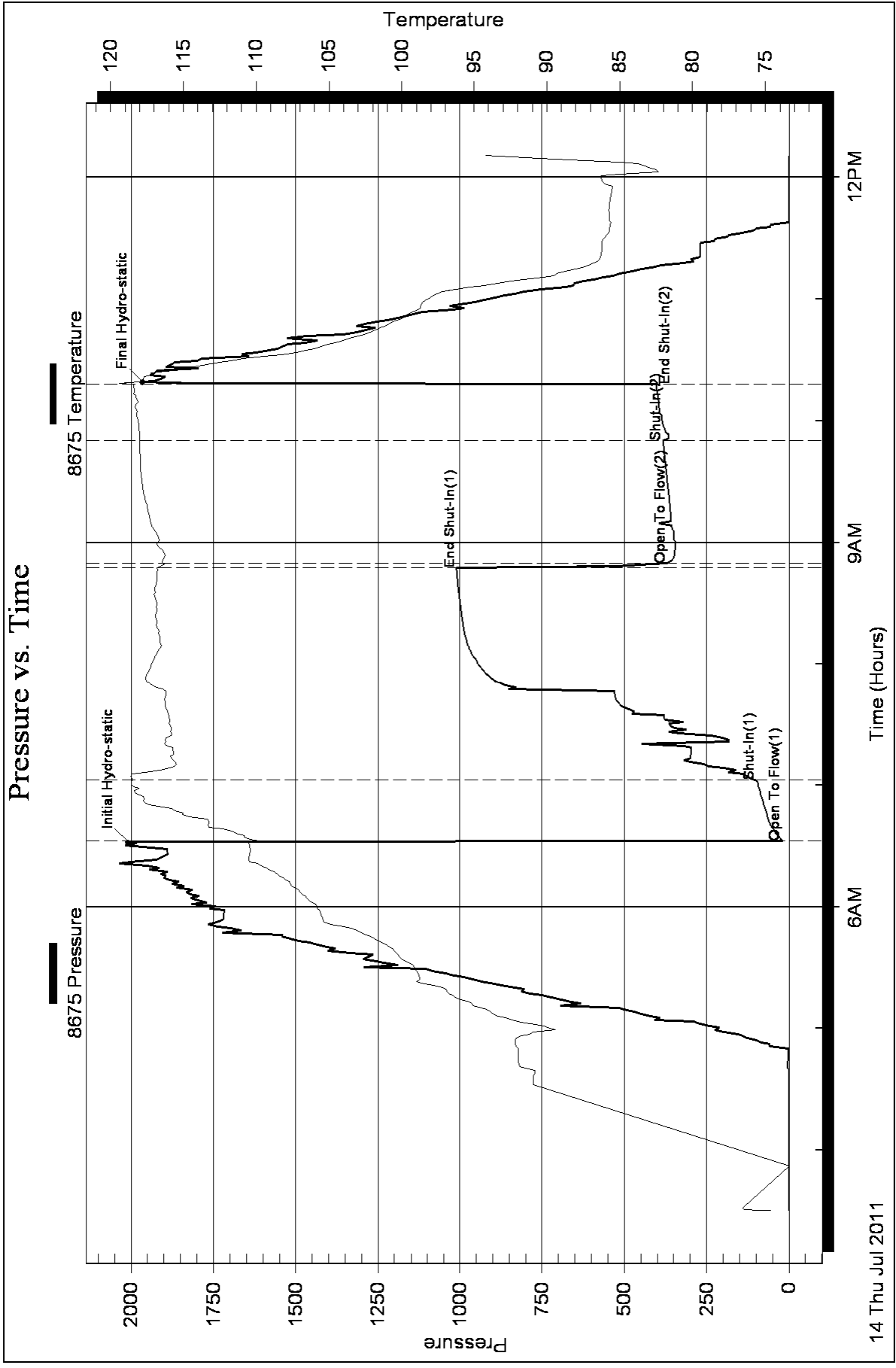
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .13 @ 90 F = 55,000

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

**Younkin 1-2**

202 W Main ST  
Salem IL, 62881-1519

**2-14-34w**

Job Ticket: 042675

**DST#: 2**

ATTN: Kevin Bailey

Test Start: 2011.07.14 @ 20:15:00

## GENERAL INFORMATION:

Formation: **Kansas City "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:24:00

Time Test Ended: 03:17:30

Test Type: Conventional Bottom Hole

Tester: Jace McKinney

Unit No: 28

**Interval: 4074.00 ft (KB) To 4090.00 ft (KB) (TVD)**

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4090.00 ft (KB) (TVD)

2910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press @ Run Depth: 164.84 psig @ 4075.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.14

End Date:

2011.07.15

Last Calib.:

2011.07.15

Start Time: 20:15:01

End Time:

03:17:30

Time On Btm:

2011.07.14 @ 22:23:45

Time Off Btm:

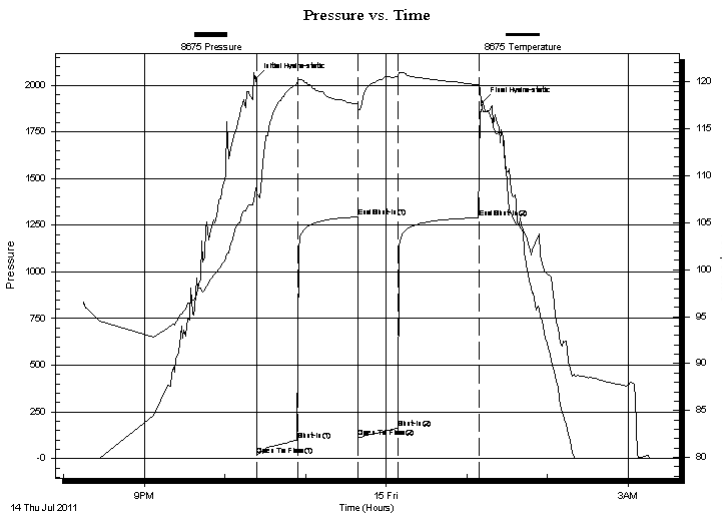
2011.07.15 @ 01:11:45

**TEST COMMENT:** B.O.B. in 25 min.

Very Weak Surface Return Blow

B.O.B. in 28 min.

Very Weak Surface Return Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2039.87	108.80	Initial Hydro-static
1	18.75	108.05	Open To Flow (1)
31	100.38	119.81	Shut-In(1)
75	1294.86	117.65	End Shut-In(1)
76	112.51	117.08	Open To Flow (2)
105	164.84	120.58	Shut-In(2)
166	1290.07	119.67	End Shut-In(2)
168	1909.91	116.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	w 100% W	0.44
215.00	mcw 50%M 50%W	3.02

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Company Inc.

**Younkin 1-2**

202 W Main ST  
Salem IL, 62881-1519

**2-14-34w**

Job Ticket: 042675

**DST#: 2**

ATTN: Kevin Bailey

Test Start: 2011.07.14 @ 20:15:00

## 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:

60000 ppm

Viscosity: 52.00 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: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
90.00	w 100% W	0.443
215.00	mcw 50%M 50%W	3.016

Total Length: 305.00 ft      Total Volume: 3.459 bbl

Num Fluid Samples: 0

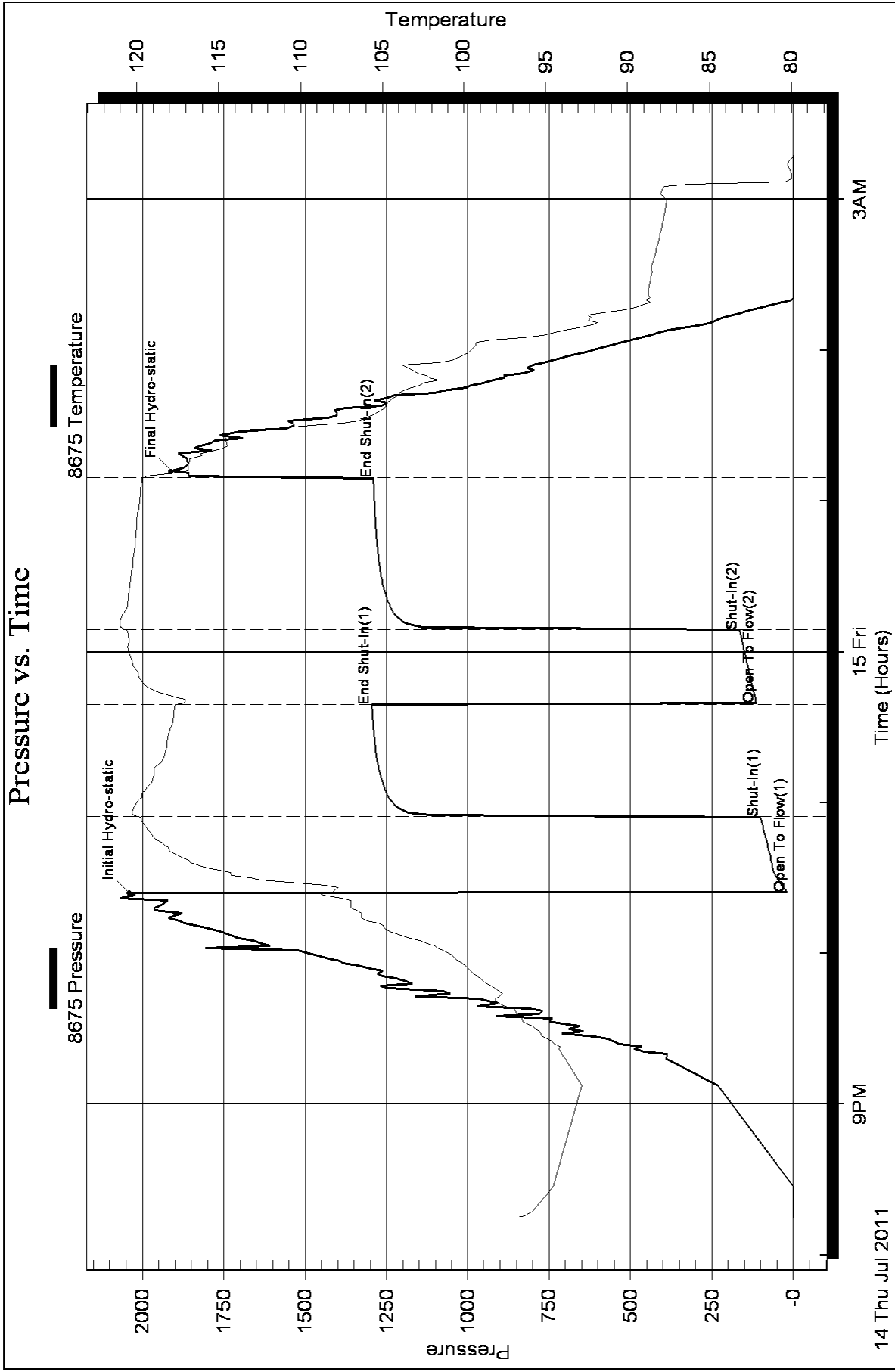
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .13 @ 76 F = 60000





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

**Younkin 1-2**

202 W Main ST  
Salem IL, 62881-1519

**2-14-34w**

ATTN: Kevin Bailey

Job Ticket: 43226

**DST#: 3**

Test Start: 2011.07.16 @ 12:35:00

## GENERAL INFORMATION:

Formation: **Myric Station & Fort**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:37:30

Time Test Ended: 18:47:15

Test Type: Conventional Bottom Hole

Tester: Jace McKinney

Unit No: 28

**Interval: 4305.00 ft (KB) To 4350.00 ft (KB) (TVD)**

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4350.00 ft (KB) (TVD)

2910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press @ Run Depth: 19.89 psig @ 4306.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.16

End Date:

2011.07.16

Last Calib.:

2011.07.16

Start Time: 12:35:01

End Time:

18:47:15

Time On Btm:

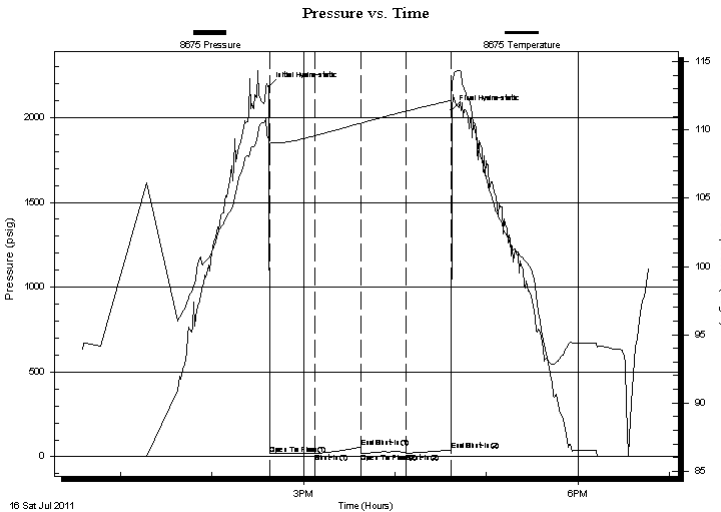
2011.07.16 @ 14:37:15

Time Off Btm:

2011.07.16 @ 16:37:15

**TEST COMMENT:** Very Weak Surface Blow  
No Return Blow  
Very Weak Surface Blow  
No Return Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.38	109.34	Initial Hydro-static
1	16.89	108.04	Open To Flow (1)
31	18.70	109.58	Shut-In(1)
60	56.41	110.49	End Shut-In(1)
61	19.26	110.48	Open To Flow (2)
90	19.89	111.37	Shut-In(2)
120	40.41	112.17	End Shut-In(2)
120	2046.15	113.51	Final Hydro-static

## Recovery

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

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Company Inc.

**Younkin 1-2**

202 W Main ST  
Salem IL, 62881-1519

**2-14-34w**

Job Ticket: 43226

**DST#: 3**

ATTN: Kevin Bailey

Test Start: 2011.07.16 @ 12:35:00

## 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: 73.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	oscum m 100%M	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

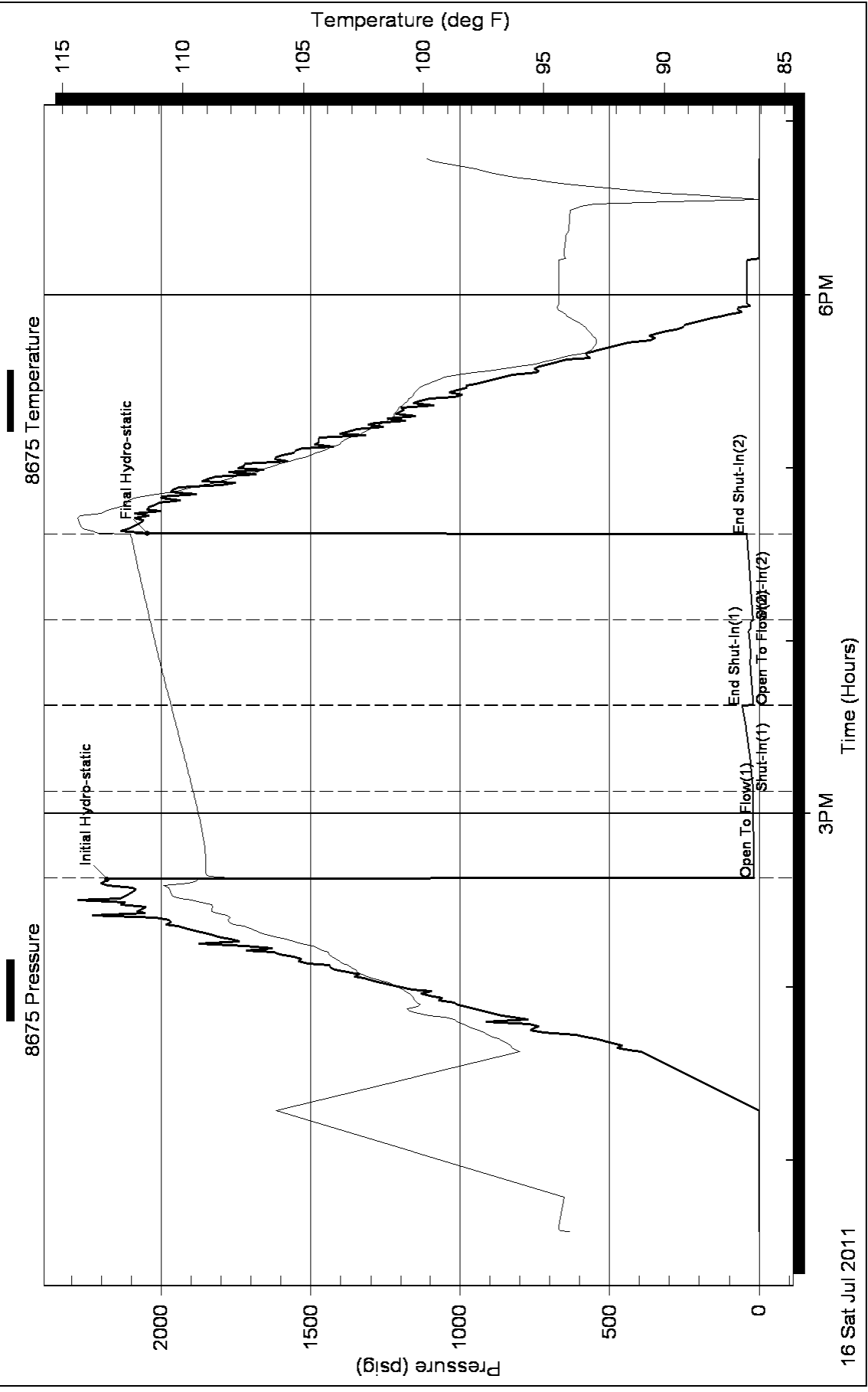
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

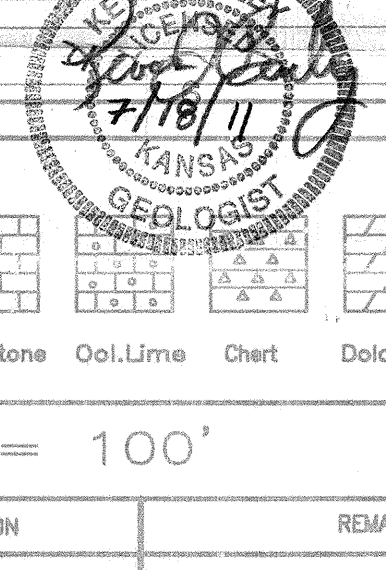




**GEOLOGIST'S REPORT**

COMPANY: **Shakespeare O'Company**  
 LEASE: **Younkin 1-2**  
 FIELD: **Wildcat (SW of Loganport)**  
 LOCATION: **2298 EML, 500 EML**  
 SEC: **02** TWP: **14S** RFE: **34W**  
 COUNTY: **Logan** STATE: **KANSAS**  
 CONTRACTOR: **H-D Drilling #2**  
 SUD: **4108/11** COMP: **419/11** Piped  
 MID UP: **3648'** LTD: **4631'**  
 DRILLING TIME AND SAMPLE LOG

REMARKS: **The Younkin 1-2, was plugged & cemented due to the negative DST result (log limited shows, log interpretation and structure).**



**LEGEND**

Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool. Lims	Chert	Dolomite

SCALE " = 100'

DRILLING TIME	DEPTH	SAMPLE DESCRIPTION	REMARKS
	2300		Stone Corral @
	2320	L' top	2320' - log Top
	2340	Anhydrite (SC)	2340' - log Bottom
	2344	Bottom	2344' - picked Bottom
	3650		Displace mud ~ 3648'
	3650	Sh. grey red	3650
	3720	Soft Lms. blk. lt tan	2920
	3730	but whi	-730
	3740	Lms. lt tan soft chky	
	3750	Lms. wt. sep. blk. sep	
	3760	a a	
	3770	Sh. lt grey	
	3780	Lms. lt grey	
	3790	Lms. tan lt brown	
	3800	a a	
	3810	wt. few dk. sep. blk. sh	Heebner
	3816	More dk. sep. blk. sh	Heebner 3816 (-850)
	3820	Dk. sep. blk. Lms	
	3830	Soft sep. blk.	
	3840	wt. soft ch. Lms	
	3850	a a	
	3860	lt sep. - brk. tan Lms	Lansing 3818 (-898)
	3870	Lms. sep. lt. v. grey, no	
	3880	visable & no odor	
	3890	a a wt. brown/wh. staining	
	3900	Lms. lt. sep. soft wt. ss	
	3910	separ. no odor	
	3920	a a	
	3930	Lms. wt. dull wh. v. grey w/	
	3940	no odor	
	3950	a a	
	3960	Soft blk. Lms. w/ gran.	
	3970	w/ mky. wt. no odor	
	3980	Lms. lt. grey, dull wh. w/	
	3990	oil. no odor	
	4000	a a	
	4010	Lms. soft dull wh. w/ slight	
	4020	stain	
	4030	a a	Vis 52 8.8 wt 2# LCM
	4040	Soft blk. Lms. w/ gran.	
	4050	w/ mky. wt. no odor	
	4060	Lms. lt. grey, dull wh. w/	
	4070	oil. no odor	
	4080	a a	
	4090	Lms. soft dull wh. w/ slight	
	4100	stain	
	4110	a a	
	4120	Soft blk. Lms. w/ gran.	
	4130	w/ mky. wt. no odor	
	4140	Lms. lt. grey, dull wh. w/	
	4150	oil. no odor	
	4160	a a	
	4170	Lms. soft dull wh. w/ slight	
	4180	stain	
	4190	a a	
	4200	Soft blk. Lms. w/ gran.	
	4210	w/ mky. wt. no odor	
	4220	Lms. lt. grey, dull wh. w/	
	4230	oil. no odor	
	4240	a a	
	4250	Lms. soft dull wh. w/ slight	
	4260	stain	
	4270	a a	
	4280	Soft blk. Lms. w/ gran.	
	4290	w/ mky. wt. no odor	
	4300	Lms. lt. grey, dull wh. w/	
	4310	oil. no odor	
	4320	a a	
	4330	Lms. soft dull wh. w/ slight	
	4340	stain	
	4350	a a	
	4360	Soft blk. Lms. w/ gran.	
	4370	w/ mky. wt. no odor	
	4380	Lms. lt. grey, dull wh. w/	
	4390	oil. no odor	
	4400	a a	
	4410	Lms. soft dull wh. w/ slight	
	4420	stain	
	4430	a a	
	4440	Soft blk. Lms. w/ gran.	
	4450	w/ mky. wt. no odor	
	4460	Lms. lt. grey, dull wh. w/	
	4470	oil. no odor	
	4480	a a	
	4490	Lms. soft dull wh. w/ slight	
	4500	stain	
	4510	a a	
	4520	Soft blk. Lms. w/ gran.	
	4530	w/ mky. wt. no odor	
	4540	Lms. lt. grey, dull wh. w/	
	4550	oil. no odor	
	4560	a a	
	4570	Lms. soft dull wh. w/ slight	
	4580	stain	
	4590	a a	
	4600	Soft blk. Lms. w/ gran.	
	4610	w/ mky. wt. no odor	
	4620	Lms. lt. grey, dull wh. w/	
	4630	oil. no odor	
	4636	a a	
	4640	Lms. soft dull wh. w/ slight	
	4650	stain	
	4660	a a	
	4670	Soft blk. Lms. w/ gran.	
	4680	w/ mky. wt. no odor	
	4690	Lms. lt. grey, dull wh. w/	
	4700	oil. no odor	
	4710	a a	
	4720	Lms. soft dull wh. w/ slight	
	4730	stain	
	4740	a a	
	4750	Soft blk. Lms. w/ gran.	
	4760	w/ mky. wt. no odor	
	4770	Lms. lt. grey, dull wh. w/	
	4780	oil. no odor	
	4790	a a	
	4800	Lms. soft dull wh. w/ slight	
	4810	stain	
	4820	a a	
	4830	Soft blk. Lms. w/ gran.	
	4840	w/ mky. wt. no odor	
	4850	Lms. lt. grey, dull wh. w/	
	4860	oil. no odor	
	4870	a a	
	4880	Lms. soft dull wh. w/ slight	
	4890	stain	
	4900	a a	
	4910	Soft blk. Lms. w/ gran.	
	4920	w/ mky. wt. no odor	
	4930	Lms. lt. grey, dull wh. w/	
	4940	oil. no odor	
	4950	a a	
	4960	Lms. soft dull wh. w/ slight	
	4970	stain	
	4980	a a	
	4990	Soft blk. Lms. w/ gran.	
	5000	w/ mky. wt. no odor	





PO BOX 31 Russell, KS 67665

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

# INVOICE

Invoice Number: 127794  
Invoice Date: Jul 8, 2011  
Page: 1

**Bill To:**  
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	Younkin #1-2	Net 30 Days
Job Location	Camp Location	Service Date
KS1-01	Oakley	Jul 8, 2011
		Due Date
		8/7/11

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
30.00	SER	Mileage 174 sx @ .11 per sk per mi	19.14	574.20
1.00	SER	Surface	1,125.00	1,125.00
60.00	SER	Pump Truck Mileage	7.00	420.00
1.00	SER	Manifold Swedge Rental	325.00	325.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	CEMENTER	Larene Wentz		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Chris Helpingstine		

**RECEIVED**  
JUL 18 2011

Subtotal	6,169.90
Sales Tax	225.88
Total Invoice Amount	6,395.78
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,395.78</b>

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

**\$ 1233.98**

ONLY IF PAID ON OR BEFORE  
**Aug 2, 2011**

*DW*

# ALLIED CEMENTING CO., LLC. 040910

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Barbey, ks

DATE <u>7-8-11</u>	SEC. <u>2</u>	TWP. <u>14</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30pm</u>	JOB FINISH <u>1:30pm</u>
LEASE <u>Yonkai</u>	WELL # <u>1-2</u>	LOCATION <u>Movement Ks 175 to</u>		COUNTY <u>Logan</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one) <u>NEW</u>				OWNER <u>Same</u>			

CONTRACTOR H/O Rig #2

TYPE OF JOB <u>Swytable</u>	CEMENT AMOUNT ORDERED <u>165 yds com 3300</u>
HOLE SIZE <u>12 1/4"</u>	<u>2 Reg of</u>
CASING SIZE <u>8 7/8"</u>	COMMON <u>165 yds @ 16.25 2681.25</u>
TUBING SIZE	POZMIX <u>3.25 @ 21.25 63.75</u>
DRILL PIPE	GEL <u>6.5 @ 58.20 349.20</u>
TOOL	ASC
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG. <u>15 ft</u>	
PERFS.	
DISPLACEMENT <u>13.56 bbl</u>	

EQUIPMENT	
PUMP TRUCK # <u>401</u>	CEMENTER <u>halene</u>
BULK TRUCK # <u>404</u>	HELPER <u>Darren</u>
BULK TRUCK	DRIVER <u>Chris</u>
	DRIVER

REMARKS:  
Mix 165 sky down 8 7/8 casing  
Displace with water  
Cemented circulate  
Frank pay

CHARGE TO: Shakespeare Oil

STREET \_\_\_\_\_

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

DEPTH OF JOB	<u>220'</u>	TOTAL	<u>2110.00</u>
PUMP TRUCK CHARGE			
EXTRA FOOTAGE			
MILEAGE	<u>30 x 2 @ 2.00</u>		<u>120.00</u>
MANIFOLD	<u>swedge @ 4.00</u>		<u>160.00</u>
	<u>light vehicle @</u>		<u>280.00</u>

PLUG & FLOAT EQUIPMENT

SALES TAX (if Any) \_\_\_\_\_

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

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

PRINTED NAME Brad Roberts

SIGNATURE Brad Roberts

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.





PO BOX 31 Russell, KS 67665

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

# INVOICE

Invoice Number: 127976  
Invoice Date: Jul 18, 2011  
Page: 1

**Bill To:**  
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	Younkin #1-2	Net 30 Days
Job Location	Camp Location	Service Date
KS1-03	Oakley	Jul 18, 2011
		Due Date
		8/17/11

Quantity	Item	Description	Unit Price	Amount
123.00	MAT	Class A Common	16.25	1,998.75
82.00	MAT	Pozmix	8.50	697.00
7.00	MAT	Gel	21.25	148.75
51.00	MAT	Flo Seal	2.70	137.70
212.00	SER	Handling	2.25	477.00
30.00	SER	Mileage	23.32	699.60
1.00	SER	Plug To Abandon	1,250.00	1,250.00
60.00	SER	Heavy Vehicle Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	EQP	4 1/2 Wooden Plug	82.00	82.00
1.00	CEMENTER	Terry Heinrich		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Chris Helpingstine		

**PAID**  
AUG 01 2011  
BUSINESS

Subtotal	6,150.80
Sales Tax	449.01
Total Invoice Amount	6,599.81
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,599.81</b>

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

\$ 1230.16

ONLY IF PAID ON OR BEFORE  
Aug 12, 2011

DW

# ALLIÉ CEMENTING CO., LLC. 039853

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

ORLEY

DATE <u>7-18-11</u>	SEC. <u>2</u>	TWP. <u>14S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>9:30 AM</u>	JOB START <u>1:30 PM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>YOUNGREN</u>		WELL # <u>1-2</u>		LOCATION <u>ORLEY 175-3W TO RZG</u>	COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR H-D ORLS. OWNER SAME

TYPE OF JOB PTA  
 HOLE SIZE 7 7/8" T.D. T.D. 463.6'  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2" DEPTH 2280'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

CEMENT AMOUNT ORDERED  
205 SKS 60/40 P.O.Z. HIGEL HiFlo 52H/  
 COMMON 123 SKS @ 16.25 1998.25  
 POZMIX 82 SKS @ 8.50 697.00  
 GEL 75.55 @ 21.25 148.25  
 CHLORIDE \_\_\_\_\_  
 ASC \_\_\_\_\_

EQUIPMENT  
 PUMP TRUCK CEMENTER FERRY  
 # 431 HELPER DARRIN  
 BULK TRUCK DRIVER CHRIS  
 # 347 DRIVER \_\_\_\_\_  
 BULK TRUCK DRIVER \_\_\_\_\_  
 # \_\_\_\_\_  
 HANDLING 212 SKS @ 2.30 477.00  
 MILEAGE 114 PER SK / MILE 699.00  
 TOTAL 4158.25

REMARKS:  
25 SKS AT 2280'  
100 SKS AT 1260'  
40 SKS AT 210'  
10 SKS AT 40'  
30 SKS AT RAT HOLE  
Thank You

CHARGE TO: SHAKESPEARE OIL & GAS

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

DEPTH OF JOB 2280'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1250.00  
 EXTRA FOOTAGE \_\_\_\_\_  
 MILEAGE 30 X 2 @ 7.00 420.00  
 MANIFOLD \_\_\_\_\_  
LIGHT VEHICLE 30X2 @ 4.00 240.00  
 TOTAL 1910.00

PLUG & FLOAT EQUIPMENT  
1-wooden plug @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL 82.00

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

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

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

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

August 17, 2011

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

Re: ACO1  
API 15-109-21014-00-00  
Younkin 1-2  
NW/4 Sec.02-14S-34W  
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