

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

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

Operator: License # 7311  
Name: Shakespeare Oil Company, Inc.  
Address: 202 West Main Street  
City/State/Zip: Salem, IL 62881  
Purchaser: NCRA  
Operator Contact Person: Donald R. Williams  
Phone: (618) 548-1585  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606  
Wellsite Geologist: Richard Hall  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: Shakespeare Oil Company, Inc.  
Well Name: Irwin Heirs #1-2  
Original Comp. Date: 9/8/05 Original Total Depth: 4708'  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 4658' Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
1/7/08 1/10/08  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 109-20750 - DD - 01  
County: Logan  
W/2 SE SW Sec. 2 Twp. 13 S. R. 32  East  West  
550' feet from (S) / N (circle one) Line of Section  
1650' feet from E / (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Irwin Heirs Well #: 1-2  
Field Name: Stratford  
Producing Formation: Johnson, Myrick Station  
Elevation: Ground: 3019' Kelly Bushing: 3029'  
Total Depth: 4708' Plug Back Total Depth: 4658'  
Amount of Surface Pipe Set and Cemented at 224 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2501' Feet  
If Alternate II completion, cement circulated from 1945'  
feet depth to surface w/ 240 sx cmt.  
WO - Dlg - 9/19/08  
**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 6500 ppm Fluid volume 2500 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: 3/4/08  
Subscribed and sworn to before me this 4th day of March,  
2008.  
Notary Public: Melissa A. Noel  
Date Commission Expires: 11-10-11



**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received **RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
 Geologist Report Received  
 UIC Distribution **MAR 10 2008**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

Operator Name: Shakespeare Oil Company, Inc. Lease Name: Irwin Heirs Well #: 1-2  
 Sec. 2 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 copy of all Electric Wireline 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 checked="" type="checkbox"/> Yes <input 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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>DIL/GR, CDL, CNL, ML, Sonic, CBL/GR</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  Previously Submitted
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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#	224'	Common	165	2% gel, 3% CaCl
Production	7 7/8"	5 1/2"	15.5#	4704'	ASC	200	5#/sx gil, 3/4% CFR

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	2501' (PC)	Pozmix	435	60/40 w/ 8% gel & 1/4#/sx flocele
<input checked="" type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD	1945'	Pozmix	240	60/40 w/ 8% gel & 1/4#/sx flocele
<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 (Amount and Kind of Material Used)	Depth
4	Johnson 4596-4600	500 gal 15% NeFe, 1000 gal 15% NeFe	4596-4600
4	Myrick Station 4507-12	500 gal 15% MCA	4507-12
<b>RECEIVED</b> KANSAS CORPORATION COMMISSION  <b>MAR 10 2008</b>			

TUBING RECORD		Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS	
		2 3/8"	4647'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
1/10/08			<input type="checkbox"/> Flowing <input checked="" 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		
	95		0				

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled Johnson & Myrick Station

Other (Specify) \_\_\_\_\_

*Shakespeare Oil Company, Inc.*

202 WEST MAIN STREET  
SALEM, ILLINOIS  
62881

March 6, 2008

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market – Room 2078  
Wichita, KS 67202

**Re: Well Completion Report**  
Irwin Heirs #1-2  
Logan County, KS

Gentlemen:

Please find enclosed the above referenced form. We added Myrick Station perforations to the existing Johnson perforations and are commingling the two zones. Electric logs and cementing invoices were previously submitted with the original completion.

If you require additional information or have any questions, please call or email me at [don@shakespeare-oil.com](mailto:don@shakespeare-oil.com).

Very truly yours,  
Shakespeare Oil Company, Inc.



Donald R. Williams  
Vice President

Encls.  
cc: Well File

RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 10 2008

CONSERVATION DIVISION  
WICHITA, KS