RECEIVED NOV 0 4 2005

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999
Form Must Be Typed

WELL COMPLETION FORM

KCCWICHITA

WELL-HISTORY | DESCRIPTION OF WELL & LEASE

KCC WICHIA CO	OPIGINAL
Operator: License #	API No. 15 - 109-20750 ~00-00 UNIUIVAL
Name: Shakespeare Oil Company, Inc.	County: Logan
Address: _202 West Main Street	<u>W2 SE</u> _ sw Sec. 2 Twp. 13S S. R. 32 ☐ East ✓ West
City/State/Zip: Salem, IL 62881	550 feet from (S) / N (circle one) Line of Section
Purchaser: NCRA	1650 feet from E / (W) (circle one) Line of Section
Operator Contact Person: Donal R. Williams	Footages Calculated from Nearest Outside Section Corner:
Phone: (618) 548-1585	(circle one) NE SE NW (SW)
Contractor: Name: Murfin Drilling Co., Inc.	Lease Name: Irwin Heirs Well #: 1-2
License: 30606	Field Name: Stratford
Wellsite Geologist: Richard Hall	Producing Formation: Johnson
Designate Type of Completion:	Elevation: Ground: 3019' Kelly Bushing: 3029'
New Well Re-Entry Workover	Total Depth: 4708' Plug Back Total Depth: 4658'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 224 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ✓ Yes No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1945
Operator:	feet depth to surface w/ 240 sx cmt.
Well Name:	Drilling Fluid Management Plan ALTEWHM
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit) 4-3-07
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 6500 ppm Fluid volume 2500 bbls
Plug Back Plug Back Total Depth	Dewatering method used_Evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
8/3/05 8/11/05 9/8/05	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSecTwpS. R East West
1,000,000,000	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- nd geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements
Signature: WWW.	KCC Office Use ONLY
Title: Vice President Date: 11/1/05	Letter of Confidentiality Received
Subscribed and sworn to before me this day of	/ If Denied, Yes Date:
20 05	Wireline Log Received
SALLA ME DETUA ME	
S NUTARY PUBLIC STATE	E OF ILLINOIS } ——— UIC Distribution
Date Commission Expires: 4-1-2008 MY COMMISSION EXPI	HES 4-1-2008 {



Side Two



Operator Name: Sha	kespeare Oil Comp	any, Inc.	Lease	Name: [1	win Heirs		_ Well #:1-2	
-		East ✓ West		Logan				
tested, time tool ope temperature, fluid re	n and closed, flowin covery, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, a final geological well site i	whether shalong with fin	ut-in pre	ssure reached s	static level, hydro	ostatic pressure	es, bottom hole
Drill Stem Tests Take		✓ Yes		√ Le	og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Ge	,	✓ Yes		Name Top			Datum	
Cores Taken Electric Log Run (Submit Copy)	cores Taken Yes V No Electric Log Run V Yes No			See 0	Geological Repo	ort	RE	CEIVED
List All E. Logs Run:					in a to		NO'	V 0 4 2005
Dual Induction	n, CDL, CŇL,	ML, Sonic, CBL/	GR.					CWICHITA
		CASING Report all strings set-	RECORD	✓ Ne		on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#		224'	"A"	165	2% gel, 3% CaCl
Production	7 7/8"	5 1/2"	15.5#		4704'	ASC	175 200	5#/sx gil, 3/4% CFR
<u>:</u>		ADDITIONAL	. CEMENTIN	1G / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	#Sacks	Used		Type and I	Percent Additives	The state of the s
✓ Protect Casing —— Plug Back TD	2501' (PC)	Pozmix	435		60/40 w/ 8%	gel & 1/4#/sx fl	ocele	4 - A - A - A - A - A - A - A - A - A -
Plug Off Zone	1945'	Pozmix	240		60/40 w/ 6% g	el & 1/4#/sx floo	cele	
Shots Per Foot	PERFORAT Specify	ION RECORD - Bridge Plu Footage of Each Interval Pe	gs Set/Type			ture, Shot, Cemen		rd Depth
4	Johnson 4596-460				500 gal 15% N			4596-4600
TUBING RECORD	Size 3/8"	Set At 4642'	Packer Af	t	Liner Run	Yes ✓ No)	
Date of First, Resumer 9/16/05	d Production, SWD or	Enhr. Producing Met	hod	Flowing	y	g Gas Li	ft Othe	er (Explain)
Estimated Production Per 24 Hours	Oil 60	Bbls. Gas	Mcf	Wate	r Bi	ols. (Gas-Oil Ratio	Gravity 29
Disposition of Gas	METHOD OF	COMPLETION			Production Interv	/al		The state of the s
Vented Sold (If vented, Sold	✓ Used on Lease ubmit ACO-18.)	Open Hole Other (Spec	✓ Perf.		ually Comp.	Commingled		

Russell, KS 67665

***** INVOICE *****

The copy

Invoice Number: 098110

Invoice Date: 08/23/05

Sold Shakespeare Oil Co., Inc. 202 West Main St.

NLY if paid within 30 days from Invoice Date

To: Salem, IL

62881

Cust I.D.... Shak
P.O. Number.: IrwinHeirs 1-2
P.O. Date...: 08/23/05

Total...:

Due Date.: 09/22/05 Terms...: Net 30

tem I.D./Desc.	Qty. Used	Unit	Price	Net	TX
'ommon	261.00	SKS	10.0000	2610.00	T
ozmix	174.00	SKS	4.7000	817.80	\mathbf{T}
el	58.00	SKS	14.0000	812.00	\mathbf{T}
'loSeal	134.00	LBS	1.7000	227.80	\mathbf{T}
ulls	4.00	SKS	21.0000	84.00	T
andling	501.00	SKS	1.6000	801.60	\mathbf{E}
ileage	12.00	MILE	30.0600	360.72	E
501 sks @.06 pe:	r sk per mi				
ort Collar	1.00	JOB	785.0000	785.00	E
:ileage pmp trk	12.00	MILE	5.0000	60.00	E
	t, Payable 30 Days Fo		total:	6558.92	
ate of Invoice.	l 1/2% Charged Therea	after. Tax	:	286.75	
f Account CURREN	T take Discount of \$	<i>655.89</i> Payr	ments:	0.00	

OK DRW

RECEIVED NOV 0 4 2005 KCC WICHITA

6845.67

SERVICE POINT:

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 BAKLEY ON LOCATION JOB FINISH PM CALLED OUT JOB START SEC. RANGE TWP 32W 4530 RM IRWIN HETRS WELL# 1-2 LOCATION PAKLEY 125-OLD OR NEW (Circle one) CONTRACTOR ChEYENDE WELL SERVICE 5AME OWNER TYPE OF JOB PORT COLLAR **CEMENT** HOLE SIZE AMOUNT ORDERED 435 5Ks 60/40 82 6EL **CASING SIZE** DEPTH 1/0-5EAL, 285RSGEL 400 Hulls DEPTH ZSO/ TUBING SIZE 45K FlowSEAL DRILL PIPE DEPTH TOOL **DEPTH** COMMON 261 5Ks @ 10 \$ PRES. MAX **MINIMUM** 174 SKS @ 4 MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG. 58 500 SKS @ just CHLORIDE DISPLACEMENT ASC **EQUIPMENT** @ (a) PUMP TRUCK CEMENTER (a) ChRIS 191 **HELPER** WAYNE @ 21 **BULK TRUCK** 386 MIKE DRIVER **BULK TRUCK** DRIVER HANDLING 501 5KS @ MILEAGE 64 PER SK/MIL **REMARKS:** TOTAL 5713 PER PRESSURE SYSTEM TO 1000 PET. DEN FORT COLLAR: WO CIRC MEXIBOLE GEL

200 Halls with Flo-SEAL, WAIT 20MEN. MIX IS SKELL

WITH 100 HOLLS + Flo-SEAL, WAIT 20MEN. MIX 505 KS

CEMENT WITH 100 Holls + Flo-JEAL, WAIT 1 AR

MIX JBS SKS CEMENT. DISPLACE 9 BBL

CLOSE PORT COLLAR, PRESSURE TO 1000 PSI, RUN

3 JTS, REVERSE OUT. NEVER HAD CIRC, **SERVICE** DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE 12 MI @ 5 % MILEAGE MANIFOLD _ THANK YOY @ CHARGE TO: Shakespeake OIL CO, INC TOTAL 845 E STREET ____ ____ STATE ___ PLUG & FLOAT EQUIPMENT (a) (a) To Allied Cementing Co., Inc. @ You are hereby requested to rent cementing equipment @ and furnish cementer and helper to assist owner or RECEIVED contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or TOTAL ____ NOV 0 4 2005 contractor. I have read & understand the "TERMS AND TAX KCC WICHTA CONDITIONS" listed on the reverse side. TOTAL CHARGE _ DISCOUNT -- IF PAID IN 30 DAYS PRINTED NAME

Russell, KS 67665

***** INVOICE *****

Invoice Number: 097978

Invoice Date: 08/16/05

Sold Shakespeare Oil Co., Inc.

ate of Invoice. 1 1/2% Charged Thereafter.

f Account CURRENT take Discount of \$ 635.90

NLY if paid within 30 days from Invoice Date

202 West Main St. To:

Salem, IL 62881

The co

Cust I.D....Shak
P.O. Number..: IrwinHeirs 1-2
P.O. Date...: 08/16/05

Due Date.: 09/15/05 Terms....: Net 30

tem I.D./Desc.	Qty. Used	Uni	t Price	Net	TX
.SC	200.00	SKS	11.6500	2330.00	Т
ilsonite	1000.00	LBS	0.6000	600.00	\mathbf{T}
!FR-2	141.00	LBS	6.2500	881.25	${f T}$
FR-2	500.00	GAL	1.0000	500.00	${f T}$
andling	233.00	SKS	1.6000	372.80	E
ileage min.chg.	1.00	MIL	E 180.0000	180.00	E
rod. String	1.00	JOB	1435.0000	1435.00	\mathbf{E}
:ileage pmp trk	12.00	MIL	E 5.0000	60.00	E
.ll Prices Are Ne	t, Payable 30 Days	s Following	Subtotal:	6359.05	

OK DRW

Tax...:

Payments:

Total...:

RECEIVED NOV 0 4 2005 KCC WICHITA

271.61

6630.66

0.00

REMIT TO P.O. B RUSS		NSAS 676	65	SERVICE POINT:			
		<u> </u>				•	
8-11-05 DATE 11-05	SEC.	TWP	RANGE 32.	CALLED OUT	ON LOCATION	JOB START 3:30 Mm	JOB FINISH
ILEASE Heirs	WELL#	1-2	LOCATION OAK	1/ey 125 E	2/5	COUNTY LO9911	STATE
OLD OR NEW (Ci			7.1			1	A
		n	1 0:				
CONTRACTOR // TYPE OF JOB			lg Kig 14	OWNER	Same		
HOLE SIZE	778/	<i>Oduc Tic</i> T.D	4705	- CEMENT			
CASING SIZE	5/2		PTH 4706.66"	AMOUNT OR	DERED		
TUBING SIZE			PTH	2005Ks	ASC, 547	ask Gilso	hire
DRILL PIPE TOOL PORT	Caller		PTH	- 24 of	120 CFR-2	5000	19/5 WFR
	5009		<u>РТН 2<i>SOY</i></u> NIMUM	_ _ COMMON		@	
MEAS. LINE	,		DE JOINT #3,12 '	POZMIX		_	
CEMENT LEFT IN	CSG.	43.12'		GEL		@	
PERFS.		1011-		_ CHLORIDE _		@	
DISPLACEMENT	111	Bbls		-	e 10004	@ 11.65	
	EQU	IPMENT		Gilsonite CFR-2	1414	@ <u>.60</u> @ 6,25	88 1,20
			70 4	- WFR-2	500 9915	@ 1,00	500.00
	CEMENT HELPER	ER	rew/mait			@	
BULK TRUCK	HELFER	TITIA	reco / waij				
ALL PARTY AND ADDRESS OF THE PARTY AND ADDRESS	DRIVER	ALG		*	The state of the s	_@	
BÚLK TŘUCK						_ @ @	
#	DRIVER			- HANDLING_	233 sks		372,80
				MILEAGE 👍	imimum C	harge	180.00
		MARKS:	01			TOTAL	4864.05
Pump 50	1099/5	WAX	-2, Plug	·····			
Mouse H	1000	105KS	Plug Ray	royala	SERVI	CE	
down 5 6	59 P	lua B	ended aT	DEPTH OF JO	R 4/7	06 111	
1500 A.	Releas		sure Float	PUMP TRUCK	B	Clark to	1435,00
Held. wa	.54 pou	mpt	The before	_ EXTRA FOOT	AGE	@	
Disp.		-/	/	MILEAGE	2 Miles	@5.00	60.00
A		12	MK YOU	– MANIFOLD			
				1000		_ @ _ @	
CHARGE TO: _S	hokes	DECK	Oil co				
				name		TOTAL	1495.00
CITY	ST.	ATE	ZIP	_ <u> </u>	PLUG & FLOAT	FOUTDMEN	Т
				•	LCG & FLOAT	EQUII MEN	1
						@	
To Allied Cement	ing Co., I	nc.				@	
	_		nenting equipment	-		@	
and furnish cemer						@	
			e above work was			FIGURE 7	
done to satisfaction	_		_	R	ECEIVED	TOTAL	
CONDITIONS" li			the "TERMS AND) 	DV 0 4 20 5		
ONIDITIONS II	isiou OII li	.10 10 10180	Bide.				
			•	TOTAL CHAR	CWICHIA		
	1	, 1	,	DISCOUNT —		IF PAID	IN 30 DAYS
- L		/ /		,/	, ,) '.	/ 5	
SIGNATURE	·	1		/EUIN	1 KIL	SON	
1				e /	PRINTE	DNAME	

Russell, KS 67665

****** INVOICE *****

Invoice Number: 098311

Invoice Date: 09/08/05

Sold Shakespeare Oil Co., Inc.

202 West Main St. To: Salem, IL

62881

Due Date.: 10/08/05

Jile corpy

Cust I.D....: Shak-

P.O. Number .: IrwinHeirs 1-2

P.O. Date ...: 09/08/05

10502-5

Terms....: Net 30 */- 2 - Circulate + Squeeze W/34050 Price 1945! Net TX tem I.D./Desc. Qty. Used Unit ommon 100.00 SKS 10.0000 1000.00 T ite 240.00 SKS 8.8000 2112.00 loSeal 60.00 LBS 1.7000 102.00 \mathbf{T}

andling 501.00 SKS 1.6000 801.60 Ε ileage 12.00 MILE 30.0600 360.72 501 sks @.06 per sk per mi irculate 1.00 JOB 785.0000 785.00 E ileage pmp trk 12.00 MILE 5.0000 60.00 \mathbf{E}

11 Prices Are Net, Payable 30 Days Following Subtotal: 5221.32 ate of Invoice. 1 1/2% Charged Thereafter. Tax...: 202.48 f Account CURRENT take Discount of \$522.13 Payments: 0.00 NLY if paid within 30 days from Invoice Date Total...: 5423.80

> RECEIVED NOV 0 4 2003 KCC WICHITA

REMIT TO P.O. RUS	BOX 31 SELL, KA	NSAS 6766	55		SERV	ICE POINT: <i>DAK</i>	12Y
9-1-05 DATE	SEC	TWP.	RANGE 32 ω	CALLED OUT	ON LOCATION 9,45 AM		JOB FINISH
IRWIN HEIK LEASE	ර් _{WELL#}	1-0	LOCATION DA	YLEY 123- E	20	COUNTY LOGIAN	STATE
A STATE OF THE PARTY OF THE PAR			Loomer & ///			700,	
CONTRACTOR TYPE OF JOB C HOLE SIZE CASING SIZE TUBING SIZE TUBING SIZE DRILL PIPE TOOL FACK PRES. MAX MEAS. LINE CEMENT LEFT I PERFS. /9- DISPLACEMENT PUMP TRUCK # /9/ BULK TRUCK # 39-4 BULK TRUCK # 39-4	WILON TRCWAR 51/2 2" ER IN CSG.	T.D. T.D.	тн <i>1945</i> ° тн тн	CEMENT AMOUNT ORI		SEAL 0 10 % 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 E
240 SKS LTI +5945828 PYII IN ShUT I	BACKS: TUBENO TO GO! TO PRE	L HAD 6-SEAL 0 AST SSURE	D 500 PSI, Blow, MF, 100 SKS CO. REVERSE O TO 300 PS	DEPTH OF JOH PUMP TRUCK EXTRA FOOTA MILEAGE MANWEOLD	CHARGE	E /8 78	4376 3 785 %
		7	THANK YOU	<i>(</i>			
STREET	****	****	ZIP_		LUG & FLOAT	@ TOTAL EQUIPMEN	845 E
and furnish ceme contractor to do done to satisfact	requested to enter and h work as is ion and sup re read & u	o rent cem elper to as listed. Th pervision c inderstand	e above work was of owner agent or the "TERMS AN	D TAX		@ @ @ TOTAL	
SIGNATURE	1.0	assor		DISCOUNT	C. LAR	IF PAID .SO \(\)	IN 30 DAYS

Russell, KS 67665

***** INVOICE ******

Invoice Number: 097891

Invoice Date: 08/09/05

RECEIVED

NOV 0 4 2005

KCC WICHITA

Sold Shakespeare Oil Co., Inc. 202 West Main St. To:

Salem, IL 62881

Cust I.D....: Shak
P.O. Number..: TrwinHeirs 1-2

P.O. Date...: 08/09/05

Due Date.: 09/08/05 Terms....: Net 30

Qty. Used	Unit	Price	Net	TX
165.00	SKS	10.0000	1650.00	${f T}$
3.00	SKS	14.0000	42.00	${ m T}$
6.00	SKS	38.0000	228.00	Τ
174.00	SKS	1.6000	278.40	E
1.00	MILE	180.0000	180.00	E
1.00	JOB	670.0000	670.00	Ε
12.00	MILE	5.0000	60.00	E
1.00	EACH	55.0000	55.00	${ m T}$
	165.00 3.00 6.00 174.00 1.00 1.00	165.00 SKS 3.00 SKS 6.00 SKS 174.00 SKS 1.00 MILE 1.00 JOB 12.00 MILE 1.00 EACH	165.00 SKS 10.0000 3.00 SKS 14.0000 6.00 SKS 38.0000 174.00 SKS 1.6000 1.00 MILE 180.0000 1.00 JOB 670.0000 12.00 MILE 5.0000 1.00 EACH 55.0000	165.00 SKS 10.0000 1650.00 3.00 SKS 14.0000 42.00 6.00 SKS 38.0000 228.00 174.00 SKS 1.6000 278.40 1.00 MILE 180.0000 180.00 1.00 JOB 670.0000 670.00 12.00 MILE 5.0000 60.00 1.00 EACH 55.0000 55.00

ll Prices Are Net, Payable 30 Days Following ate of Invoice. l 1/2% Charged Thereafter. Tax...: f Account CURRENT take Discount of \$316.34 Payments: NLY if paid within 30 days from Invoice Date Total...:

Subtotal: 3163.40 124.43 0.00 3287.83

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		SERV	ICE POINT: Og K	ley
DATE 2 /35 32W	CALLED OUT	ON LOCATION	JOB START COUNTY	JOB FINISH
LEASE WELL# 1-2 LOCATION Oak	lev 125	E/S	6099n	STATE S
OLD OR NEW (Circle one)		- Joguan		
CONTRACTOR Murfin Orla Rig 14	OWNER	Squ	ne_	
TYPE OF JOB Surface	OTTIBLE			
HOLE SIZE 1214 T.D. 227	CEMENT			
CASING SIZE SYS DEPTH 227	AMOUNT ORI	PERED		
TUBING SIZE DEPTH	165 31	KS COM 3	3800 12	3Cne/
DRILL PIPE DEPTH				
TOOL DEPTH	/	1	- 10	11
PRES. MAX MINIMUM		65 5KS		1630.00
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX	35/65	@ 	42,00
PERFS.	GEL			228,00
DISPLACEMENT /3/2.Bbls	CHLORIDE ASC	C JRS	_@ <u>., p, U//</u> _@	LADIVE
• •	ASC		_	***************************************
EQUIPMENT	PECEL	/ Posts	_	***************************************
PUMPTRUCK CEMENTER Dean	W I record by march de 19		@	
#383-27/ HELPER Larry	NOV 0 4 2	2005		100 To
BULK TRUCK	WAS TO BE THE T	o <i>n</i> 18******	_ @	
# 2/8 DRIVER ALGN	_ KCC WIL	,MIA	@	
BULK TRUCK			_ @	
# DRIVER	TI A NIENT INIC	1761 a VC	_@	278,40
	HANDLING MILEAGE	1745KS	@ 1.60 - hara c	180,00
REMARKS:	MILEAGE _Z*	1 1 887 8 80 20000		2378.40
			IUIAL	2010170
cement did circulate		SERVIO	CE	
	DEPTH OF JOI	3	22	7 *
	PUMP TRUCK		<i></i>	17000
	EXTRA FOOTA		· @	610,00
		2 Miles		60 00
	MANIFOLD		@	
			@	
	-		@	
CHARGE TO: Shakespear Oil Co				
STREET			TOTAL	730.00
CITYSTATEZIP	P	LUG & FLOAT	EQUIPMEN	T
	a(5) - C	0 0		
	878 JUI	face Plug		55,00
			_@	
To Allied Cementing Co., Inc.				
You are hereby requested to rent cementing equipment			. @ . @	
and furnish cementer and helper to assist owner or				
contractor to do work as is listed. The above work was			ELO ELI X	55.00
done to satisfaction and supervision of owner agent or			TOTAL	33 · CC
contractor. I have read & understand the "TERMS AND	$T\Delta X$			
CONDITIONS" listed on the reverse side.	171/1			
	TOTAL CHARC	GE		
1	DISCOUNT		IE DVII) IN 30 DAVS
	<i>→</i>		II I AII	TI JO DAIS
SIGNATURE HEG / Lovel	(100	e) los.		
DIOLATORE JOSEPH CONTRACTOR	CAROL	1 STEP	DNAME	