

CONFIDENTIAL

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

8/17/12

Operator: License # 7311
 Name: Shakespeare Oil Company, Inc.
 Address: 202 West Main Street
 City/State/Zip: Salem, IL 62881
 Purchaser: NCRA
 Operator Contact Person: Don Williams
 Phone: (618) 548-1585
 Contractor: Name: WW Drilling, LLC
 License: 33575
 Wellsite Geologist: Richard Bell

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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: Ottley 1-16
 Original Comp. Date: 1/21/10 Original Total Depth: 4530'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>5/3/10</u>	<u>5/14/10</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

KCC
AUG 17 2010
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API No. 15 - 109-20877-00-01
 County: Logan
 NW SW NE SE Sec. 16 Twp. 14 S. R. 32 East West
1970 feet from N (circle one) Line of Section
1185 feet from W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Ottley Well #: 1-16
 Field Name: Chalk Buttes
 Producing Formation: Johnson, LKC "K" & "L"
 Elevation: Ground: 2800' Kelly Bushing: 2805'
 Total Depth: 4530' Plug Back Total Depth: 4477'
 Amount of Surface Pipe Set and Cemented at 219' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2232' Feet
 If Alternate II completion, cement circulated from 2232'
 feet depth to surface w/ 280 sx cmt.

Drilling Fluid Management Plan WOW 8-31-10
 (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 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. Will
 Title: Vice President Date: 8/17/10
 Subscribed and sworn to before me this 17th day of August,
2010
 Notary Public: Melissa A. Noel
 Date Commission Expires: 11-10-11

OFFICIAL SEAL
 MELISSA A. NOEL
 Notary Public, State of Illinois
 My Commission Expires 11-08-11

KCC Office Use ONLY
 Letter of Confidentiality Received 8/17/10 - 8/17/12
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 RECEIVED
 KANSAS CORPORATION COMMISSION
 AUG 19 2010

CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Shakespeare Oil Company, Inc. Lease Name: Ottley Well #: 1-16
 Sec. 16 Twp. 14 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See Geological Report

List All E. Logs Run:

Array Induction, Photo Density, CNL, ML, Sonic

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"	175	2% gel & 3% CaCl
Production	7 7/8"	5 1/2"	15.5#	4529'	ASC	175	5#/sk gilsonite, 3/4 % CD-31

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2232'	Pozmix	280	65-35 poz w/8% gel & 1/4"/sk flocele

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	500 gal 15% NeFe & 1000 gal 15% NE		4381-88, 4394-99
4	LKC "L"	250 gal 15% MCA		4088-91
4	LKC "K"			4060-64

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4477'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 1/21/10			Producing Method <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
	60		6		33

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____