

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 7893  
Name: A.C. Widener Farms, Inc.  
Address RR #3  
City/State/Zip Hudson, KS 67545  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Austin Widener  
Phone (316) 458-3331

Contractor: Name: Duke Drilling Co., Inc.  
License: 5929

Wellsite Geologist: Todd Morgenstern

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OAWO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

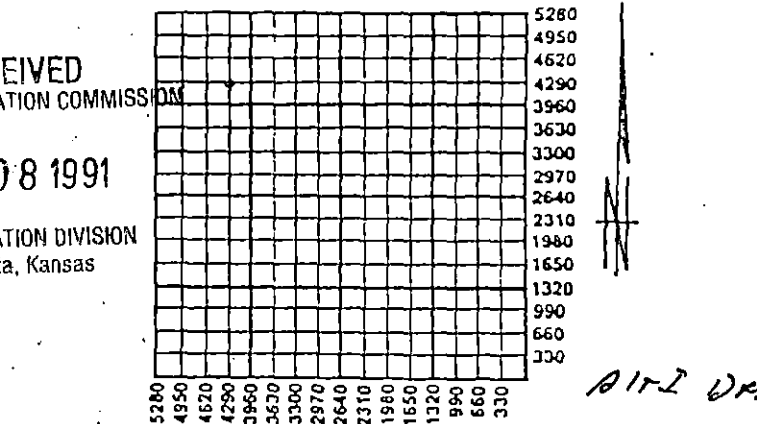
Drilling Method:  
 Rod Rotary  Air Rotary  Cable  
05-29-91 06-03-91  
Spud Date Date Reached TD Completion Date

API NO. 15- 185-22,778-0000  
County Stafford

SE NW NW Sec. 26 Twp. 21 Rge. 12 East West  
4290 Ft. North from Southeast Corner of Section  
4290 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Widener Well # 4  
Field Name Widener

Producing Formation \_\_\_\_\_  
Elevation: Ground 1845 KB 1850  
Total Depth 3641 PBTD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 302 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.

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Wichita, Kansas

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Austin C. Widener  
Title Sec./Treas. Date July 5, 1991

Subscribed and sworn to before me this 5th day of July, 1991.  
Notary Public Bessie M. DeWerff  
Date Commission Expires 5-20-93

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



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SIDE TWO

Operator Name A.C. Widener Farms, Inc. Lease Name Widener Well # 4  
 County Stafford  
 Sec. 26 Twp. 21 Rge. 12  
 East  West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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.)

See attached page

Name	Formation Description	
	Top	Bottom
Heebner	3123	(-1273)
Toronto	3142	(-1292)
Douglas	3155	(-1305)
Brn. Lime	3257	(-1407)
LKC	3274	(-1424)
Base K/C	3506	(-1656)
Viola	3546	(-1696)
Simp.	3582	(-1732)
Arbuckle	3633	(-1783)
RTD	3641	(-1791)

CASING RECORD  New  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 1/2"	8-5/8"	28#	302'	60/40 poz /	180	2% gel 3% cc

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First Production \_\_\_\_\_ 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:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Conmingled  
 Other (Specify) \_\_\_\_\_  
 Production Interval \_\_\_\_\_

Attachment to ACO-1                      Lease: Widener #4                      API# 15-185-22,778  
Operator:                                      SE NW NW Sec. 26-21S-12W  
A.C. Widener Farms, Inc.                      Stafford County, Kansas

DST #1 3502-3584    Viola  
Times: 15-45-15-45  
Blow: weak blow died in 8 Min.  
          no blow  
Recovery: 20' OSM  
IHP 1737 FHP: 1724 Temp 107  
IFP: 54-54    FFP: 56-56  
ISIP: 98    FSIP: 60

DST #2 3635-3641    Arbuckle  
Times: 15-30-15-30  
BLOW: Very weak blow  
          no blow  
Recovery: 30' mud W/oil specks in top of tool  
  
IHP: 1780 FHP: 1765 Temp. 107  
IFP: 24-24 FFP: 36-53  
ISIP: 50 FSIP: 345

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Wichita, Kansas

ORIGINAL

DRILLER'S WELL LOG

DATE COMMENCED: May 29, 1991  
DATE COMPLETED: June 3, 1991

A.C. Widener Farms, Inc.  
WIDENER #4  
SE NW NW  
Sec. 26, T21S, R12W  
Stafford County, Ks.

0 - 302' Surface Soil, Clay, Shale  
302 - 615' Red Bed  
615 - 637' Anhydrite  
637 - 1399' Shale  
1399 - 2842' Shale w/lime streaks  
2842 - 3124' Lime  
3124 - 3155' Shale & Lime  
3155 - 3257' Shale  
3257 - 3275' Shale & Lime  
3275 - 3508' Lime  
3508 - 3546' Shale & Lime  
3546 - 3583' Chert  
3583 - 3633' Shale & Sand  
3633 - 3641' Dolomite  
3641' RTD

ELEVATION: 1850 K.B.

Surface Pipe: Set used  
8-5/8", 28# pipe @ 302'  
w/180 sacks 60/40 pozmix  
2% gel 3% cc.

A F F I D A V I T

STATE OF KANSAS  
COUNTY OF BARTON) ss

Leonard Williamson of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

*Leonard Williamson*

Subscribed and sworn to before me this 5<sup>th</sup> day of June 1991.



*Paula Ann Lusk*  
Notary Public

JUN 08 1991

CONSERVATION DIVISION  
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

NO 2698

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	5-29-91	Sec.	26	Twp.	21	Range	12	Called Out	2:00 P.M.	On Location	3:00 P.M.	Job Start	5:00 P.M.	Finish	6:00 P.M.
Lease	Widener	Well No.	#4	Elliswood, Location S to Co. L, 45, 3/4, 5/5				County	Stafford	State	Ks.				

Contractor	Duke Rig #1		
Type Job	Surface		
Hole Size	12 1/4"	T.D.	303'
Csg.	3 5/8"	Depth	# 302'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line	✓	Displace	18 bbl.
Perf.			

**EQUIPMENT**

#	No.	Cementer	Tim
Pumptrk	195	Helper	Phil
#	No.	Cementer	
Pumptrk		Helper	
#	No.	Driver	Don
Bulktrk	101	Driver	

**DEPTH of Job**

Reference:	Pumptrk Charge	380.00
19	Pumptrk Mileage	38.00
1	3 5/8 Wooden Plug	42.00
	Sub Total	
	Tax	
	Total	460.00

Remarks: Cement Did Circulate.

Owner Same  
 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 listed.  
 A.C.  
 Charge To Widener Farms Inc.  
 Street RR 3 Box 60  
 City Hudson State Ks. 67545  
 The above was done to satisfaction and supervision of owner agent or contractor.  
 Purchase/Order No.  
 X Lawrence & Williamson

**CEMENT**

Amount Ordered	180 SKS 69/40 3%cc, 2%Gel.
Consisting of	
Common	108 5.25 567.00
Poz. Mix	72 2.25 162.00
Gel.	4 6.75 27.00
Chloride	5 21.00 105.00
Quickset	
Handling	180 1.00 180.00
Mileage	19 136.80
Sub Total	
15% Tax	B Total 1150.80

**Floating Equipment**

TOTAL \$ 1610.80  
 Disc - 241.62

\$ 1369.18

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CONSERVATION DIVISION  
 Wichita, Kansas

(original Bid for 250')

Allied Cementing Co Inc.  
 Pay Tim Nielson - Porter

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 713-434-2014  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

NE 1285

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date <i>6-3-91</i>	Sec. <i>26</i>	Twp. <i>21</i>	Range <i>12</i>	Called Our <i>12<sup>30</sup> AM</i>	On Location <i>3<sup>00</sup> AM</i>	Job Start <i>4<sup>00</sup> AM</i>	Finish <i>5<sup>00</sup> AM</i>
Lease <i>Widener</i>	Well No. <i># 4</i>	Location <i>Ellenwood 115 NW S/S</i>			County <i>State</i>	State <i>KS</i>	
Contractor <i>Duke Drilling Rig #1</i>				Owner <i>A.C. Widener Farms Inc</i>			
Type Job <i>Rotary Plug</i>				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 listed.			
Hole Size <i>7 7/8</i>	T.D. <i>3641 ft</i>			Charge To			
Csg.	Depth			Street			
Tbg. Size	Depth			City			
Drill Pipe <i>4 1/2</i>	Depth <i>660 ft</i>			State			
Tool	Depth			The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.	Shoe Joint			Purchase Order No.			
Press Max.	Minimum			<i>X Leonard Williams</i>			
Meas Line	Displace			<b>CEMENT</b>			
Perf.				<i>Thank you</i>			

**EQUIPMENT**

<i>Great Bend</i>		
Pumptrk	No.	Cementer
	<i>120</i>	<i>Mike</i>
		Helper
		<i>Dan</i>
Pumptrk	No.	Cementer
		Helper
Bulktrk		Driver
<i>69</i>		<i>Jack S.</i>
Bulktrk		Driver

Amount Ordered <i>125<sup>00</sup> 67521</i>	
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Sales Tax
Handling	
Mileage	
	Sub Total
	Total

DEPTH of Job <i>660 ft</i>	
Reference:	<i>Pump Truck charge</i>
	<i>misc charge</i>
<i>1</i>	<i>old Hole plug</i>
	Sub Total
	Tax
	Total

Remarks:  
*Misc 50 lb at 660 ft*  
*50 lb at 330 ft*  
*10 lb at 40 ft*  
*15 lb at Rot Hole*

*Allied Cementing Co Inc Thank you*  
*Mike Munsch CATS*

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 Wichita, Kansas