

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 7893
Name: A.C. Widener Farms, Inc.
Address: 1689 NE 80th
City/State/Zip: Hudson, Kansas 67545
Purchaser: NA
Operator Contact Person: A.C. Widener
Phone: (316) 458-3331
Contractor: Name: L. D. Drilling, Inc.
License: 6039
Wellsite Geologist: Todd Morgenstern
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abn.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: 12-12-00
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 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. _____
10-24-00 10-31-00 NA
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 185-23109-0000
County: Stafford
NE SE SE Sec. 14 Twp. 21 S. R. 12 East West
990 feet from S / N (circle one) Line of Section
330 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: KEITH Well #: 1
Field Name: North Max
Producing Formation: na
Elevation: Ground: 1845' Kelly Bushing: 1850'
Total Depth: 3630' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 333' 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.

RECEIVED
STATE CORPORATION COMMISSION
DEC 12 2000

Drilling Fluid Management Plan D&A gft 3/28/01
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume 160 bbls
Dewatering method used hauled after Hutch Salt
Location of fluid disposal if hauled offsite:
Operator Name: Bob's Oil Service
Lease Name: Teichmann License No.: 32408
Quarter SW Sec. 16 Twp. 22 S. R. 12 East West
County: Stafford Docket No.: D 23,722

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: A.C. Widener Farms, Inc.
Bessie M. DeWerry
Title: Sec. Ins. Date: 12-8-2000
Subscribed and sworn to before me this 8th day of December,
2000.
Notary Public: Bessie M. DeWerry
Date Commission Expires: 5-20-01

NOTARY PUBLIC - State of Kansas
BESSIE M. DEWERFF
My Appt. Exp. 5-20-01

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: A.C. Widener Farms, Inc. Lease Name: Keith Well #: 1
 Sec. 14 Twp. 21 S. R. 12 East West County: Stafford

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 ATTACHED DAILY REPORT)

List All E. Logs Run:

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"	24#	333'	60/40 Poz	240	2% Gel, 3% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
<u>D & A</u>	<input type="checkbox"/> Flowing <input 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
	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>		

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

RECEIVED
 STAFFORD COUNTY
 OCT 10 1968

ORIGINAL

DAILY DRILLING REPORT

OPERATOR: A.C. WIDENER FARMS, INC.

LEASE: KEITH #1
NE SE SE Sec. 14-21-12
Stafford County

WELLSITE GEOLOGIST: TODD MORGENSTERN

ELEVATION: 1845 GR 1850 KB

CONTRACTOR: L. D. DRILLING, INC.

PTD: 3600'

SPUD: 8:15 PM October 24th, 2000

SURFACE: 333' 8 5/8" 24# Surface Csg. W/240 sx. 60/40 Pozmix, 2% Gel, 3% cc
Did Circulate. Plug Down 2:00 A.M. October 25th Allied Cementing

10-24 Move in rig up and spud (rainy day)
 10-25 336' WOC Bust plug @ 10:00 A.M.
 10-26 1605' Drilling
 10-27 2510' Drilling (Bobs Oil Haul off water)
 10-28 3233' Drilling
 10-29 3570' Trip in W/tool for DST #1
 10-30 3597' Ready to go back in hole after
 DST #3
 10-31 3630' On bottom W/DST #5
 3630' RTD

Due to negative drill stem tests, it
 recommended that the well be plugged.

1st plug @ 3599 W/50 sx.
 2nd plug @ 660 W/50 sx.
 3rd plug @ 360 W/50 sx.
 4th plug @ 40' W/10 sx.
 Rathole W/15 sx.

Total 175 sx. 60/40 Poz, 6% gel
 Allied Cementing
 State Plugger: Richard Lacey
 Plug down 5:15 PM 10-31-00

DST #1 3488-3570 Viola
 TIMES: 30-30-30-30
 BLOW: 1st Open weak blow
 2nd open no blow
 RECOVERY: 5' Drilling Mud-good show
 oil in tool
 IFP: 9-11 FFP: 11-12 ISIP: 43 FSIP:
 27

DST #2 3562-3597 Arbuckle (mis run)
 TIMES:
 BLOW: 1st open
 2nd open
 RECOVERY:

IFP: FFP: ISIP: FSIP:

DST #3 3495-3597 Arbuckle
 TIMES: 45-45-45-45
 BLOW: 1st open weak blow through out
 2nd open " " " "
 RECOVERY: 1' clean oil 19' ocm

IFP: 11-31 FFP: 12-15 ISIP: 92 FSIP:
 50

SAMPLE TOPS:

Topeka 2815 (-965)
 Heebner 3105 (-1255)
 Toronto 3126 (-1276)
 Douglas 3139 (-1289)
 Brown Lime 3231 (-1381)
 Lansing 3245 (-1395)
 Base K/C 3479 (-1629)
 Viola 3533 (-1683)
 Simpson Shale 3565 (-1715)
 Arbuckle 3588 (-1738)
 RTD 3630 (-1780)

DST #4 3590-3609 Arbuckle
 Times: 45-45-45-45
 Blow: 1st open: weak blt to 3"
 2nd open: 1" steady blow
 RECOVERY: 30' GIP
 10' clean oil 32° gravity
 20' HOCM 33% oil, 55% mud
 10% gas, 2% water
 IFP: 11-16 FFP: 14-18
 ISIP: 44 FSIP: 34

Continuation: Keith #1 NE SE SE Sec. 14-21-12 Stafford County, Ks.
Page 2

DST #5 3595-3630 Arbuckle

Times: 45-45-60-90

Blow: 1st open weak bldg to 1"

2nd open weak bldg. to bb in 30 min.

Recovery: 149' SOSWM

62' Muddy water

IFP: plugged FFP: 31-104

ISIP: 1217 FSIP: 1045

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

5755

ORIGINAL

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

SERVICE POINT:

At Bond

DATE <u>10-31-00</u>	SEC. <u>14</u>	TWP. <u>21</u>	RANGE <u>12</u>	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>2:15 PM</u>	JOB START <u>2:45 PM</u>	JOB FINISH <u>5:15 PM</u>
LEASE <u>Keith</u>	WELL # <u>1</u>	LOCATION <u>Edgewood - Sta Col W, 35,</u>			COUNTY <u>Stoddard</u>	STATE <u>Ka</u>	
OLD OR NEW (Circle one)		<u>1/8 in, N/into</u>			<u>11</u>		

CONTRACTOR L. D. Davis

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8" T.D. 310.30

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 3577'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Eric Wilkerson Farms, Inc

CEMENT AMOUNT ORDERED 175 lb 60/40 1070/228

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

181 HELPER Bob B

BULK TRUCK

342 DRIVER Lennie M

BULK TRUCK

_____ DRIVER _____

TOTAL _____

REMARKS:

Mixed - 50 lbs @ 3577'

50 lbs @ 1060'

50 lbs @ 3100'

10 lbs @ 40'

15 lbs in Rothole

[Signature]

SERVICE

DEPTH OF JOB 3577'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG 1-8 3/4 Amp hole @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: L. D. Davis

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

[Signature]
PRINTED NAME

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

4350 ORIGINAL

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

SERVICE POINT:

DATE <u>10-25-00</u>	SEC. <u>14</u>	TWP. <u>21</u>	RANGE <u>12</u>	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>11:30 PM</u>	JOB START <u>12:30 AM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Kerth</u>		WELL # <u>1</u>	LOCATION <u>Ellinwood Sta. Col. 35,</u>		COUNTY <u>Stoddard</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>NEW, N/into</u>				

CONTRACTOR L.D. Owen

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 331'

CASING SIZE 8 7/8" New 24" DEPTH 331'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 20 1/2 hls

OWNER A.C. Widener Farms, Inc.

CEMENT AMOUNT ORDERED 240 lbs 6 1/4" 370cc, 290 gal

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

181 HELPER Bob B

BULK TRUCK DRIVER Lonnie M

341 DRIVER _____

BULK TRUCK DRIVER _____

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

Run 331' of 8 7/8" cas. Break circulation mixed 240 lbs 6 1/4" 370cc, 290 gal. Released plug. Displaced with fresh H₂O.

Cement did circulate

Thanks

SERVICE

DEPTH OF JOB 331'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG - 8 7/8" wooden _____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: L.D. Owen

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Bill Owen

SIGNATURE Bill Owen
PRINTED NAME

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

Report Copy

ORIGINAL

Geological Report

for

A. C. Widener Farms, Inc.

**Keith No. 1
NE SE SE Section 14-21S-12W
Stafford County, Kansas**

Todd E. Morgenstern
Petroleum Geologist
Sunflower Bank Building
P.O. Box 251
Ellinwood, Kansas 67526

RECEIVED
STATE CORPORATION COMMISSION

DEC 12 2000

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

OPERATOR: A. C. Widener Farms, Inc.

WELL: Keith No. 1
API # 15-185-23,109 0000

LOCATION: NE-SE-SE
990' from the South Line
330' from the East Line
Section 14-21S-12W
Stafford County, Kansas

FIELD: North Max

CONTRACTOR: LD Drilling Co., Rig 1

DRILLING COMMENCED: 10-24-2000

DRILLING COMPLETED: 10-31-2000

DRILLING TIME: One (1) foot drilling time was recorded
from 2700' to 3630' RTD.

SAMPLES: Samples were saved and examined from 2800'
to 3630' RTD.

ELEVATIONS: 1845' Ground Level 1850' Kelly Bushing

MEASUREMENTS: All depths are measured from 1850' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 333' with 240 sxs. 60/40 poz

FORMATION TESTING: Five (5) tests were run by Diamond Testing Co.
Roger D. Friedly

MUD: Dombar Mud & Chemical Company (Chemical Mud)

OPEN HOLE LOGS: No Open Hole Logs were run.

PRODUCTION: D&A

FORMATION TOPS:

FORMATION	SAMPLE	DATUM
ANHYDRITE	Unable to call	N/A
BASE ANHYDRITE	Unable to call	N/A
TOPEKA	2815'	- 965'
HEEBNER SHALE	3105'	-1255'
TORONTO	3126'	-1276'
DOUGLAS	3139'	-1289'
BROWN LIME	3231'	-1381'
LANSING	3245'	-1395'
BASE KANSAS CITY	3479'	-1629'
VIOLA	3533'	-1683'
SIMPSON SHALE	3565'	-1715'
ARBUCKLE	3588'	-1738'
ROTARY TOTAL DEPTH	3630'	-1780'

SAMPLE DESCRIPTIONS AND TEST DATA:

TOPEKA: No shows of oil were noted throughout the Topeka.

TORONTO:
3126-3138 Limestone, tan and light brown, dense to very finely crystalline, with poor visible intercrystalline porosity, slightly chalky in part. No shows of oil noted.

LANSING:
3245-3255 Limestone, tan and buff, very finely crystalline, slightly chalky, with poor visible porosity, trace of dead staining, no show of free oil, no odor.

3272-3278 Limestone, white and tan, dense, slightly fossiliferous, with poor visible interfossiliferous porosity, no shows of oil were noted.

3295-3300 Limestone, gray and tan, finely crystalline, slightly fossiliferous, with poor interfossiliferous porosity, slightly chalky, no shows of oil were noted.

3312-3320 Limestone, gray and tan, dense to very finely crystalline, slightly fossiliferous, oolitic in part, with very poor visible porosity, no shows of oil were noted.

3325-3331 Limestone, gray and tan, very finely crystalline, dense, chalky, with trace of scattered dead staining, no odor, no show of free oil.

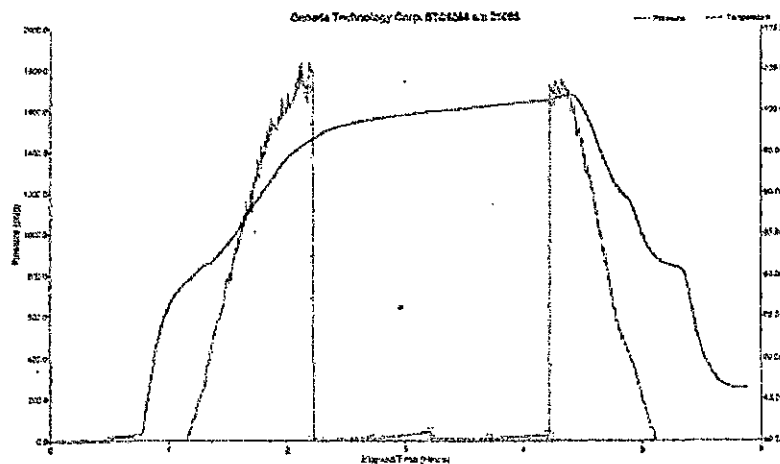
- 3339-3345 Limestone, gray, dense to very finely crystalline, chalky with poor visible porosity, no shows of oil were noted.
- 3380-3388 Limestone, white and gray, very finely crystalline, dense, slightly fossiliferous, chalky, no shows of oil were noted.
- 3400-3407 Limestone, gray and white, dense, finely crystalline, with white chert, trace of intercrystalline porosity, scattered dead staining, no shows of free oil were noted.
- 3422-3428 Limestone, white and gray, finely crystalline, oolitic and fossiliferous, with trace of vugular porosity, rare scattered staining, chalky in part, no shows of free oil were noted, no odor.
- 3439-3445 Limestone, white and tan, mostly dense to very finely crystalline, slightly oolitic, chalky, with trace of scattered staining, no show of free oil, no odor.
- 3468-3478 Limestone, white and gray, very finely crystalline, oolitic and oolitic, chalky in part, with fair to good visible oolitic porosity, barren, with no shows of oil or odor.

VIOLA:
 3533-3564 Chert, white, tan and gray, sharp, with slightly weathered edges, fractured and edge staining, very slight show of free oil, slightly gassy. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

Viola
 Tested from 3488'-3570'

<i>Weak Blow</i>	30 min.	I.H.P.	1703#
<i>No Blow-back</i>	30 min.	I.F.P.	9# -11#
<i>No Blow</i>	30 min.	<u>I.S.I.P.</u>	<u>43#</u>
<i>No Blow-back</i>	30 min.	F.F.P.	11# -12#
		<u>F.S.I.P.</u>	<u>27#</u>
		F.H.P.	1683#



RECOVERY: 5' Drilling Mud w/ good show of oil in tool.
 TEMPERATURE: 101*
 CHLORIDES: n/a ppm (Recovery) 4,000 ppm (System)

ARBUCKLE:
3588-3592

Dolomite, tan and brown, dense, finely crystalline, slightly sucrosic, with poor to fair visible intercrystalline porosity, slight show of free oil on break, good odor. (Covered by D.S.T. No. 2 & 3)

3593-3597

Dolomite, tan, gray and brown, dense to finely crystalline, slightly sucrosic, as above, trace of fractured edge staining, with poor to fair intercrystalline porosity, fair show of free oil, good odor. (Covered by D.S.T. No. 2 & 3)

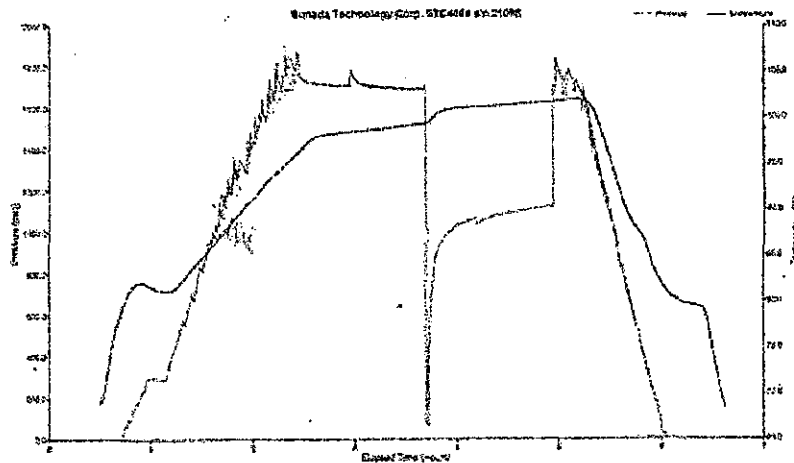
FORMATION TEST NO. 2

Arbuckle

Tested from 3562'-3597'

MISRUN

<i>Weak Blow</i>	30 min.	I.H.P.	1776#
<i>No Blow-back</i>	45 min.	I.F.P.	Plugged
<i>Weak Blow</i>	30 min.	<u>I.S.I.P.</u>	Plugged
<i>No Blow-back</i>	45 min.	F.F.P.	Plugged
		<u>F.S.I.P.</u>	Plugged
		F.H.P.	1627#



RECOVERY: 107' Drilling Mud w/ good show of oil in tool.

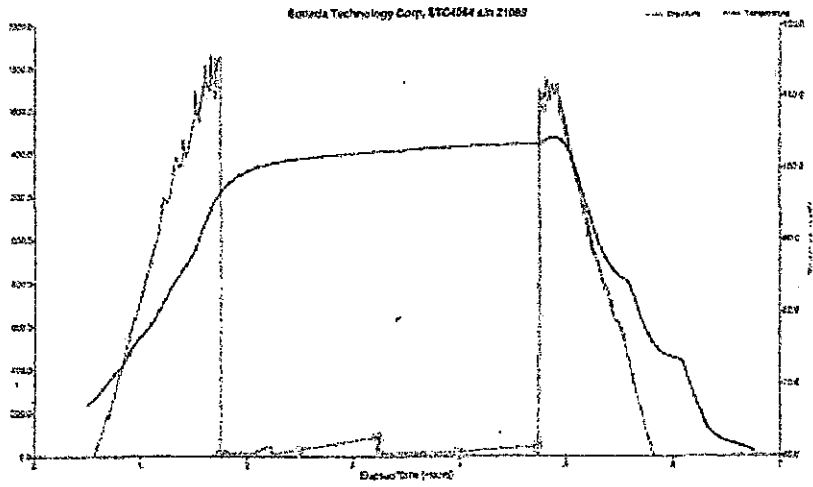
TEMPERATURE: 102*

CHLORIDES: n/a ppm (Recovery) 4,000 ppm (System)

FORMATION TEST NO. 3

Arbuckle
Tested from 3495'-3597'

<i>Weak Blow</i>	45 min.	I.H.P.	1726#
<i>No Blow-back</i>	45 min.	I.F.P.	11# -32#
<i>Weak Surface Blow</i>	45 min.	I.S.I.P.	92#
<i>No Blow-back</i>	45 min.	F.F.P.	12# -16#
		<u>F.S.I.P.</u>	51#
		F.H.P.	1659#



RECOVERY: 1' Clean Oil (34 Gravity @ 60*)
 19' Oil Cut Mud (4% Oil, 96% Mud)
 20' Total Fluid

TEMPERATURE: 101*

CHLORIDES: n/a ppm (Recovery) 4,000 ppm (System)

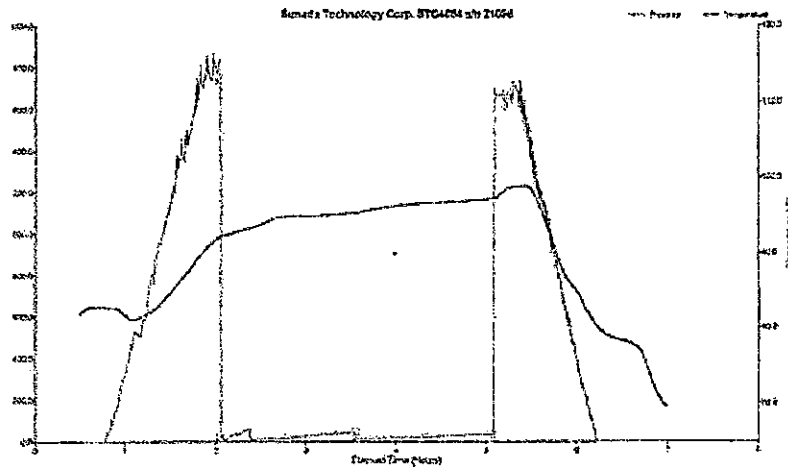
3598-3609

Dolomite, tan and gray, dense to very finely crystalline, slightly sucrosic, with fair visible intercrystalline and slightly vugular porosity, good show of free oil, strong odor. (Covered by D.S.T. No. 4)

FORMATION TEST NO. 4

Arbuckle
Tested from 3590'-3601'

<i>Weak Blow</i>	45 min.	I.H.P.	1783#
<i>No Blow-back</i>	45 min.	I.F.P.	11# -16#
<i>Weak Surface Blow</i>	45 min.	I.S.I.P.	44#
<i>No Blow-back</i>	45 min.	F.F.P.	14# -18#
		F.S.I.P.	34#
		F.H.P.	1666#



RECOVERY: 10' Clean Oil (32 Gravity @ 60*)
20' Heavy Oil Cut Mud (55% Mud, 33% Oil, 10% Gas, 2% Water)
30' Total Fluid

TEMPERATURE: 101*

CHLORIDES: n/a ppm (Recovery) 7,000 ppm (System)

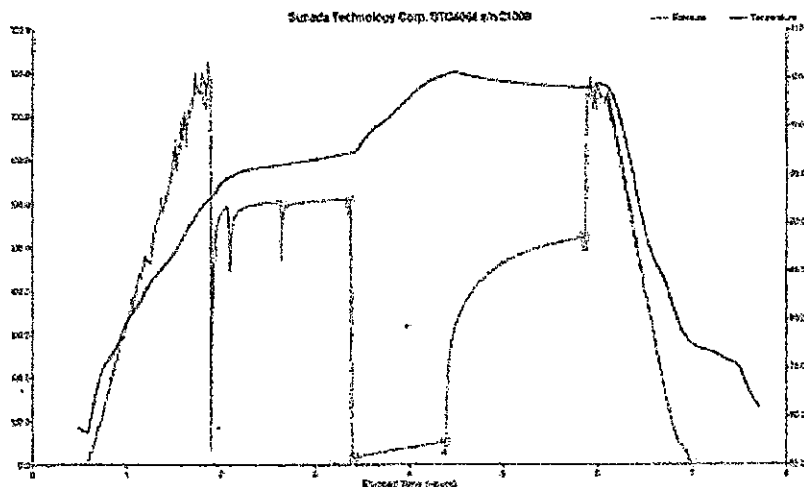
3610-3625 Dolomite, tan and gray, dense to very finely crystalline, as above, with fair to good shows of free oil. (Covered by D.S.T. No. 5)

3626-3630 Dolomite, tan, gray and light gray, fine to medium crystalline, with fair to good intercrystalline and vugular porosity, good shows of free oil, strong odor. (Covered by D.S.T. No. 5)

FORMATION TEST NO. 5

Arbuckle
Tested from 3595'-3630'

<i>Weak Blow 1"</i>	45 min.	I.H.P.	1703#
<i>No Blow-back</i>	45 min.	I.F.P.	Plugged
<i>Good Blow in 30"</i>	60 min.	<u>I.S.I.P.</u>	<u>1217#</u>
<i>No Blow-back</i>	90 min.	F.F.P.	31# -104#
		<u>E.S.I.P.</u>	<u>1045#</u>
		F.H.P.	1698#



RECOVERY: 25' Slightly Oil Cut Watery Mud (94% Mud, 2% Oil, 4% Water)
62' Slightly Oil Cut Watery Mud (66% Mud, 2% Oil, 32% Water)
62' Slightly Oil Cut Watery Mud (54% Mud, 2% Oil, 44% Water)
62' Muddy Water (25% Mud, 75% Water)
211' Total Fluid

TEMPERATURE: 104*

CHLORIDES: 23,000 ppm (Recovery) 7,500 ppm (System)

DRILLING RECORD:

<u>Date</u>	<u>Daily Drilling Record</u>	
10-24-00	7:00 AM	Spud well. Set 8 5/8" Surface Casing.
10-25-00	7:00 AM	Drilling depth at 515'.
10-26-00	7:00 AM	Drilling depth at 1500'.
10-27-00	7:00 AM	Drilling depth at 2550'. Geologist on location, 2850'.
10-28-00	7:00 AM	Drilling depth at 3230'.
10-29-00	7:00 AM	Drilling depth at 3570', DST # 1 & DST # 2
10-30-00	7:00 AM	Drilling depth at 3597', DST # 3 & DST # 4,
10-31-00	7:00 AM	Depth at 3630', Ran DST # 5, Plugged and Abandoned.

STRUCTURAL COMPARISION:

	A. C. Widener Farms No. 1 Keith NE SE SE Sec. 14-21S-12W D&A	Frontier Oil No.1 Widener NE SE SW Sec. 14-21S-12W Oil	Rex & Morris No. 1 Stevenson "A" SW NW NW Sec. 24-21S-12W Oil
ANHYDRITE	n/a	+1234'	n/a
BASE ANHYDRITE	n/a	n/a	n/a
TOPEKA	- 965'	- 959'	- 969'
HEEBNER SHALE	-1255'	-1248'	-1256'
BROWN LIME	-1381'	-1384'	-1385'
LANSING	-1395'	-1398'	-1398'
BASE KANSAS CITY	-1629'	-1620'	n/a
VIOLA	-1683'	n/a	n/a
SIMPSON SHALE	-1716'	-1713'	n/a
ARBUCKLE	-1738'	-1720'	-1729'

SUMMARY:

The No. 1 Keith was under geological supervision from 2800' to 3630' RTD. With the negative results of 5 drill stem tests, it was recommended that this well be plugged and abandoned.

Respectfully submitted,


Todd E. Morgenstern