

ORIGINAL / SIDE ONE

RECEIVED

JAN 28 1991

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

API NO. 15- 163-23,134 00-00

County Rooks

NE SE SW Sec. 21 Twp. 9S Rge. 18  East

990 Ft. North from Southeast Corner of Section

2970 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

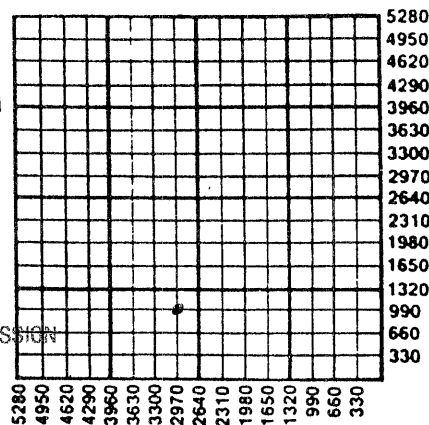
Lease Name Widman Well # 5

Field Name \_\_\_\_\_

Producing Formation Arbuckle

Elevation: Ground 2165' KB 2170'

Total Depth 3680' PBDT 3640



Operator: License # 3386

Name: Leavell Resources Corporation

Address 1032 E. Hwy. 40 P.O. Box 308

City/State/Zip Hays, KS 67601

Purchaser: FARMLAND INDUSTRIES

Operator Contact Person: Russ Leavell

Phone (913) -628-3324

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Ron Nelson

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

1/8/91 1/17/91 2/7/91

Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 221 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1450-1482

feet depth to surface w/ 300 275 sx cmt.

**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 Bruce Kurlin

Title Production Vice President Date 4-5-91

Subscribed and sworn to before me this 5 day of April, 19 91.

Notary Public Betty Wilder

Date Commission Expires April 19, 1994

**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)



**SIDE TWO**

Operator Name Leavell Resources Corporation Lease Name Widman Well # 5  
 Sec. 21 Twp. 9S Rge. 18  East  West  
 County Rooks

**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.)

Formation Description		
Name	Top	Bottom
Log-Tech	3000	3680
Anhydrite	1496+674	
Topeka LM	3071-901	
Heebner SH	3288-1118	
Lans/ KC	3330-1160	
Arbuckle	3574-1404	
L.T.D.	3680-1510	

**CASING RECORD**  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

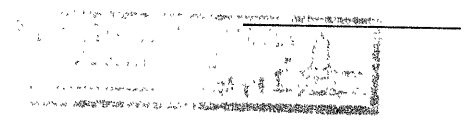
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	12 1/4	8 5/8		221	60-40 poz	135	2% gel, 3% cc
	7 7/8	5 1/2	15.5#	3674	60-40 poz	150	2%xx, 1/4# Flo-Seal

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	3604-06	No Acid - Squeezed	
4	3600-02	No Acid - Squeezed	
4	3591-94	No Acid - Squeezed	
4	3578-80	1500 Gal Acid	

**TUBING RECORD** Size 2 7/8 Set At 3635 Packer At None  
 Liner Run  Yes  No

Date of First Production 2/14/91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours Oil 20 Bbls. Gas None Mcf Water 450 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  Commingled  
 Other (Specify) \_\_\_\_\_



# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. 1735

58913

Date	2-5-71	Sec	28	Twp	9	Range	18	Called Out		On Location		Job Start		Finish	3:30
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Lease	Wichita	Well No.	5	Location	Plainville 1W1N2W	County	Rooks	State	Kan
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Contractor		Owner	
Type Job		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		T.D.	
Csg.	5 1/2	Depth	
Tbg. Size	2 1/2	Depth	1400
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.	1200 #	Minimum	
Meas Line		Displace	
Perf.	1482'		

Charge To	Levell Res
Street	P.O. Box 308
City	Hays
State	Kan 67601
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	418,3-8
X	Roman Keller

### EQUIPMENT

Pumptrk	No. 83	Cementer	McAdon
		Helper	
Pumptrk	No.	Cementer	R Davis
		Helper	
Bulktrk	213	Driver	M Davis
Bulktrk	155	Driver	Low

CEMENT	
Amount Ordered	225 lite 75 40 3% CC
Consisting of Used 200 L.T.	
Common	45 SKS @ 5.25 = 236.25
Poz. Mix	30 SKS @ 2.25 = 67.50
Get	200 Lite @ 4.25 = 850.00
Chloride	
Quickset	
2 Sand	9.50

DEPTH of Job	
Reference:	Pump Truck 475.00
	2.00 per mile 6.00
	Sub Total
	Tax
	Total 481.00

Handling	1.00 per SK	275.00
Mileage	4¢ per SK/mile	45.00
	3 mile	
	Sub Total	
	Total	1,483.00

Remarks: Test Plug at 1500' Held  
 spot 2 sand pers at  
 set packer at 1400' Mixed  
 200 sk lite and 75 40 2% CC  
 Squeezed at 1200 #

RECEIVED  
 STATE CORPORATION COMMISSION  
 MAY 14 1991  
 CONSERVATION DIVISION  
 Wichita, Kansas

RECEIVED  
 MAY 01 1991

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

ORIGINAL

15-163-23134-00-00

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

# ALLIED CEMENTING CO., INC. No. 9645

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
11-10-91	21	9 <sup>00</sup>	18 <sup>00</sup>	7:00 P.M.	8:30 P.M.	11:15 A.M.	11:45 P.M.
Lease	Well No.	Location			County	State	
Johnson		Plainville 15111/24111			Neosho	Mo.	

Contractor	Operations R. 49
Type Job	Set surface pipe
Hole Size	12 1/2" T.D. 220
Csg.	8 1/2" Depth 221
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace X
Perf.	

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.	
Charge To	Leavelle Resource Corp.
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	

**EQUIPMENT**

No.	Cementer	Helper
Pumptrk 177	Gary H.	Wagner M.
No.	Cementer	Helper
Pumptrk		
	Driver	
Bulktrk 1212	Steve C.	
Bulktrk	Driver	
Bulktrk		

CEMENT	
Amount Ordered	105 sacks 1/2" 202 2 bags 1/2" 50 60
Consisting of	
Common	RECEIVED
Poz. Mix	STATE CORPORATION COMMISSION
Gel.	
Chloride	APR 11 1991
Quickset	
CONSERVATION DIVISION Wichita, Kansas	
Sales Tax	

**DEPTH of Job**

Reference	Description	Amount
1	Surface	330.00
2	1 1/2" 221 mi	
3	1 1/2" 221 mi	
Sub Total		
Tax		
Total		

Handling	1.27 ch.
Mileage	0.04 1/2 ch / mi
Sub Total	
Total	
Floating Equipment	Thanks

Remarks: Cement Circulated.

## 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 willful 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.

ORIGINAL

15-163-23134-00-00

RECEIVED

JAN 28 1991

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Leavell Resources, Inc.  
1032 E. Hwy. 40  
Hays, Kansas 67601

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: Widman

WELL #5

LOCATION: NE SE SW  
Section 21-9S-18W  
Rooks County, Kansas

ROTARY TOTAL DEPTH: 3680'

ELEVATION: 2170' K.B.

COMMENCED: 1/8/91

COMPLETED: 1/17/91

CASING: 8-5/8" @ 221' w/135 sks cement  
5-1/2" @ 3679' w/150 sks cement

STATUS: Oil Well

RECEIVED  
STATE CORPORATION COMMISSION

DEPTHS & FORMATIONS

APR 11 1991

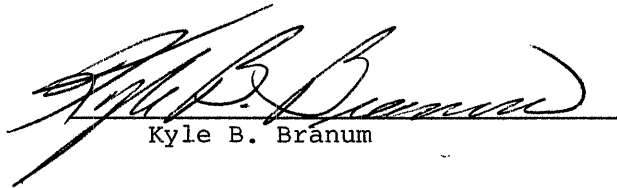
(All measurements from K.B.)

CONSERVATION DIVISION  
Wichita, Kansas

Dakota Sand	893'	Heebner	3289'
Red Bed	946'	Toronto	3309'
Cedar Hills	1050'	Lansing-Kansas City	3330'
Red Bed	1216'	Base Kansas City	3558'
Anhydrite	1498'	Arbuckle	3526'
Shale	1535'	R.T.D.	3680'
Topeka	3028'		

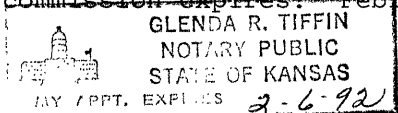
STATE OF KANSAS )  
                                          ) ss  
COUNTY OF RUSSELL)

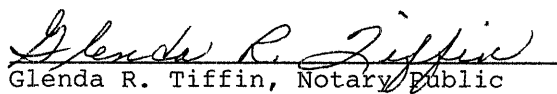
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

  
\_\_\_\_\_  
Kyle B. Branum

Subscribed and sworn to before me on January 24, 1992.

My commission expires February 6, 1992.



  
\_\_\_\_\_  
Glenda R. Tiffin, Notary Public