

ORIGINAL

15-063-21353-00-00

Plug 9 well 12-9

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 # 5393

Name: A. L. Abercrombie, Inc.

Address 150 N. Main, Suite 801

City/State/Zip Wichita, KS 67202

Purchaser: \_\_\_\_\_

Operator Contact Person: Jerry A. Langrehr

Phone ( 316 ) 262-1841

Contractor: Name: Abercrombie Drilling, Inc.

License: 5422

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:

Operator: N/A

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

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

Drilling Method:

Mud Rotary  Air Rotary  Cable

11-29-90

12-9-90

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

API NO. 15- 063-21,353

County Gove

SE SW NE sec. 21 Twp. 11S Rge. 31  East  West

2970' Ft. North from Southeast Corner of Section

1650' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

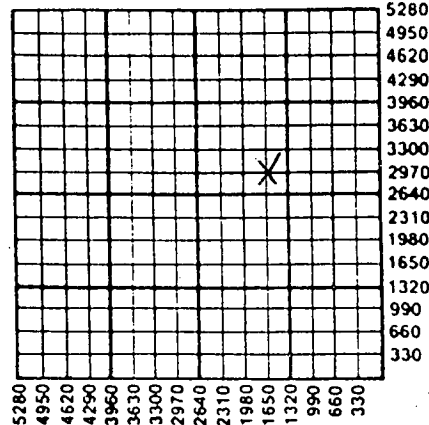
Lease Name Wieland Well # 1

Field Name Wildcat

Producing Formation LKC, Marmaton

Elevation: Ground 2967' KB 2972'

Total Depth 4650' PBDT \_\_\_\_\_



AI-1 D & O

Amount of Surface Pipe Set and Cemented at 280' 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.

**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 Jack K. Woodard

Title Vice Pres. Date 12-26-90

Subscribed and sworn to before me this 26th day of December, 19 90.

Notary Public Angela Woodard

Date Commission Expires 3-20-93

**K.C.C. OFFICE USE ONLY**

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

SWD/Rep  NGPA

Plug  Other (Specify)

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IAN 3 1991  
1-3-1991  
CONSERVATION DIVISION  
Wichita, Kansas



21

SIDE TWO

Operator Name A. L. Abercrombie, Inc. Lease Name Wieland Well # 1

Sec. 21 Twp. 11S Rge. 31  East  West  
 County Gove

**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.)

DST #1 (3981'-4003')  
 30-45-30-45  
 5' clean oil (31° gravity)  
 1355' water (chlorides 38,000 PPM)  
 IFPs 183-402 ISIP 1206  
 FFPS 470-641 FSIP 1142

Name	Formation Description	
	Top	Bottom
Anhydrite	2490'	2532'
Heebner	3974'	(-1006)
Toronto	3994'	(-1002)
Lansing	4011'	(-1039)
Stark Shale	4237'	(-1265)
Pawnee	4426'	(-1454)
Myrick Station	4461'	(-1489)

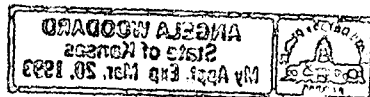
Continued on attached sheet

CASING RECORD <input 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 3/4"	8 5/8"		280'	60-40pozmix	200	2%gel 3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	Producing Method <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		

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

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_



15-063-21353-00-00

ORIGINAL

DST #2 (4036'-4073')  
30-45-60-45  
Rec. 33' wtry mud w/scum of oil  
chlorides 34,000  
IFPs 48-52 ISIP 1217  
FFPs 68-68 FSIP 1179

DST #3 (4455'-4506') Marmaton  
30-45-60-45  
Rec. 259' gip 1' cl. oil 42°  
50' OCM 10% oil  
IFPs 51-57 ISIP 406  
FFPs 62-65 FSIP 374

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STATE CORPORATION COMMISSION

1-3-1991  
JAN 3 1991

CONSERVATION DIVISION  
Wichita, Kansas

15-063-21353-00-00

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

ORIGINAL DEC 12 1990  
12-12-1990

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

# ALLIED CEMENTING CO., INC. No. 9555

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	12-9-90	Sec.	21	Twp.	11	Range	31	Called Out		On Location		Job Start	2:30 AM	Finish	5:30 AM
Lease	Wieland	Well No.	1	Location				Cannon 25 1/2 W 4 S		County	Govt	State	KS		

Contractor		Abercrombie Dr'g	
Type Job	plug		
Hole Size	7 7/8	T.D.	4650
Csg.		Depth	
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

Owner	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	AL Abercrombie Inc		
Street			
City			State
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	X W. C. Company		

### EQUIPMENT

Pumptrk	No.	Cementer	Dave Burdick
	153	Helper	
Pumptrk	No.	Cementer	Ed
		Helper	
Bulktrk	146	Driver	
Bulktrk		Driver	

CEMENT	
Amount Ordered	180 2/3 6 1/2 gal 1/4 lb flow seal
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	

### DEPTH of Job

Reference:	Dump tot cly	
	120' Per mile	
	plug	
	Sub Total	
	Tax	
	Total	

Remarks:

25 @ 2500

80 @ 1600

40 @ 330

10 @ 40 WC plug

10 mouse hole 15 Rottle

Sub Total

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STATE CORPORATION COMMISSION  
1-4-1991  
JAN 4 1991

CONSERVATION DIVISION  
Wichita, Kansas  
# 101-3250

Floating Equipment

Rig # 5

EM

## 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.

Phone 913-483-2627, Russell, Kansas

DEC 1 0 1990 ORIGINAL

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas 15-063-21353-00-00

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. N<sup>o</sup> 8820

New

Home Office P. O. Box 31

Russell, Kansas 67665

Date	11-29-90	Sec.	21	Twp.	11s	Range	31w	Called Out	5:00PM	On Location	8:15	Job Start	10:45PM	Finish	11:15PM
Lease	Wieland	Well No.	#1	Location	Campus 1 1/2 S 1 1/2 W			County	Gove	State	KANSAS				

Contractor	ABERCROMBIE DRG. Rig # 5	
Type Job	SURFACE	
Hole Size	12 1/4	T.D. 281'
Csg.	8 5/8 #	Depth 280'
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	15'	Shoe Joint
Press Max.		Minimum
Meas Line		Displace <input checked="" type="checkbox"/> 178BL
Perf.		

Owner	1/4 S
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	AL. ABERCROMBIE INC.
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X W.C. Craig	
CEMENT	
Amount Ordered	200 SK 6 3/4 2 2/3 gal 3 3/4 cc
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Handling	Rig 5
Mileage	SM
Sales Tax	
Sub Total	
Total	

### EQUIPMENT

Pumptrk	No. #177	Cementor	Henry
		Helper	Will
Pumptrk	No.	Cementor	
		Helper	
Bulktrk	#213	Driver	Jim
Bulktrk		Driver	

### DEPTH of Job

Reference:	PUMP TRUCK CHRG.
	Sub Total
	Tax
	Total

Remarks:

Cement Did Circulate

Shanks

Floating Equipment

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STATE CORPORATION COMMISSION  
1-4-1991  
JAN 4 1991

CONSERVATION DIVISION  
Wichita, Kansas

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