

ORIGINAL

RELEASED

CONFIDENTIAL OCT 09 1991

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 # 9041

Name: Joseph H. Strabala

Address 312 E. Uintah St.

Colo. Springs, Colo. 80903

City/State/Zip \_\_\_\_\_

Purchaser: None

Operator Contact Person: Joseph H. Strabala

Phone (719) 635-7807

Contractor: Name: Western Kansas Drilling

License: 4083

Wellsite Geologist: Mark Torr - 913-625-6211

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: \_\_\_\_\_

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

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

Drilling Method:

Mud Rotary  Air Rotary  Cable

Aug 25, 1990 9-2-90 9-2-90

Spud Date Date Reached TD Completion Date

API NO. 15- 15-101-21,557- ~~FROM~~ CONFIDENTIAL

County Lane

SW SE NW Sec. 22 Twp. 16s Rge. 30  East West

3135 Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

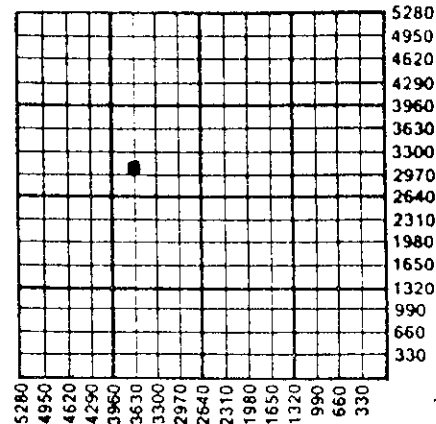
Lease Name Cramer #1 Well # \_\_\_\_\_

Field Name Unknown

Producing Formation None

Elevation: Ground 2768 KB 2773

Total Depth 4550 PBTD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 268 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 268

feet depth to surface w/ 160 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 Joseph H. Strabala

Title Operator Date Oct 11, 1990

Subscribed and sworn to before me this 11 day of Oct 19 90.

Notary Public Louise E. Glyn

Date Commission Expires 5/10/94

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

SIDE TWO

Operator Name Joseph H. Strabala Lease Name Cramer #1 Well # \_\_\_\_\_

Sec. 22 Twp. 16s Rge. 30  East  West  
 County Lane

**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 4339-4413, 45-45-45, Wk blw built to btm of bkt 34 min. no blow back. Second open strong blw off btm bkt in 9 min. Total rec: 500 ft Gas & 130 ft gassy oil cut mud 25% O 25% G and 50 % mud. ISIP 751 FSIP 633, FIFP 35-60 SIFP 71-71. Hydro 2241-2188 Temp 118 F.

Formation Description		
Name	Top	Bottom
Heebner	3820	-1047
Toronto	3840	-1067
L-KC	3857	-1084
Base KC	4206	-1433
Pawnee	4334	-1561
Fort Scott	4390	-1617
Cherokee	4416	-1643
Miss	4501	-1728

**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 1/4	8 5/8	20	268	60/40 POZ	160	3%cc 2% ge.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	None		

**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

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 \_\_\_\_\_

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

**CONFIDENTIAL**

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

**ALLIED CEMENTING CO., INC. No 9882**

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	9-2-90	Sec.	22	Twp.	16	Range	30	Called Out		On Location	3:00AM	Job Start	4:00AM	Finish	7:45AM	
Lease	Cramer	Well No.	1	Location	Healy 3 1/2 N 1/2 W			County	Good	State	Ks					
Contractor	Western Ks Drily											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.			
Type Job	plug											Charge To	Joe Strakala			
Hole Size	7 7/8		T.D.	4550												
Csg.												Street	512 E. Central St			
Tbg. Size												City	Colonia, Miss State Pa. 80903			
Drill Pipe												The above was done to satisfaction and supervision of owner agent or contractor.				
Tool												Purchase Order No.	X <i>Rudal E. Jones</i>			
Cement Left in Csg.												CEMENT				
Press Max.												Amount Ordered	255.00 69 gal 400 Flowseal			
Meas Line												Consisting of				
Perf.												Common	153 @ 5.00 = 765.00			
<b>EQUIPMENT</b>																
Pumptrk	No.	Cementer	<i>Dave</i>													
	153	Helper	<i>Gerold</i>													
Pumptrk	No.	Cementer														
		Helper														
Bulktrk	155	Driver	<i>Jim</i>													
Bulktrk		Driver														

<b>DEPTH of Job</b>		
Reference:	Pump trk. chg	360.00
	20¢ per mile	116.00
	plug	20.00
	<b>Sub Total</b>	
	<b>Tax</b>	
	<b>Total</b>	496.00

Remarks:  
 50 @ 2190  
 80 @ 1395  
 50 @ 700  
 50 @ 300  
 10 @ 40 up plug 15 Rod hole

Common	153 @ 5.00	765.00
Poz. Mix	102 @ 2.25	229.50
Gel.	8 @ 6.5	52.00
Chloride		
Quickset		
Flowseal	56# @ 60¢	33.60
		Sales Tax
Handling	@ 90¢ ea	229.50
Mileage	3¢/sk / mile	44.30
		Sub Total
		Total
1755.30		
<b>Floating Equipment</b>		
OCT 15 1990		

# 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 975-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

**CONFIDENTIAL**

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

**ALLIED CEMENTING CO., INC.** No. 9413  
 Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date	8-25-90	Sec.	22	Twp.	16	Range	30	Called Out	2:00 PM	On Location	5:30 PM	Job Start	6:45 PM	Finish	7:15 PM
Lease	Cramer	Well No.	#1	Location	Healy 3N 2W	County	LANE	State	KANSAS						
Contractor	Western Kansas Drilling, Rip						Owner	SAME							
Type Job	Surface														
Hole Size	12 1/4"		T.D.	272'											
Csg.	8 5/8"		Depth	268'											
Tbg. Size			Depth	RELEASED											
Drill Pipe			Depth	OCT 09 1991											
Tool			Depth												
Cement Left in Csg.	15'		FROM Joint	CONFIDENTIAL											
Press Max.			Minimum												
Meas Line			Displace												
Perf.															

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 Joseph H. Strabala Oil  
 Street 312 E. Uintah St.  
 City Colo. Springs State Colo 80903  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. X  
Jim Manley  
**CEMENT**

Amount Ordered	160 SKS 60/40 Poz 3% CC 2% Gel		
Consisting of	Common	96	480.00
	Poz. Mix	64	144.00
	Gel.	3	N/C
	Chloride	5	100.00
	Quickset		

**EQUIPMENT**

#153	No.	Cementer	M. KAUBMAN
Pumptrk		Helper	Gerald K
#155	No.	Cementer	
Pumptrk		Helper	
		Driver	PAUL D
Bulktrk		Driver	

Handling	.90	144.00
Mileage 58 m	.03	278.40
Sub Total		1146.40
Total		

**DEPTH of Job**

Reference #	PUMP TRK	360.00
	1-8 5/8" plug	40.00
	2.00 Per mile 58 m	116.00
	Sub Total	516.00
	Tax	
	Total	

Remarks: Cement Circulated

Floating Equipment

Manley  
 OCT 15 1990

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