

ORIGINAL

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- 163-23,136 -00-00

County Rooks

SW NE SE Sec. 30 Twp. 9S Rge. 18 East West

1650 Ft. North from Southeast Corner of Section

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

Lease Name Stucky 'A' Well # 2

Field Name _____

Producing Formation Arbuckle

Elevation: Ground 2183' KB 2188'

Total Depth 3690' PBDT _____

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. Inj Delayed Comp.

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

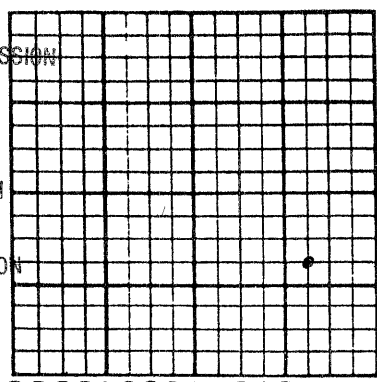
If yes, flow depth set _____ Feet

If Alternate II completion, cement circulated from 1530

Spud Date 1/17/91 Date Reached TD 1/23/91 Completion Date 2/13/91

Wichita, Kansas depth to surface w/ 300 265 sx cmt.

RECEIVED STATE CORPORATION COMMISSION
4/11/91
APR 11 1991
CONSERVATION DIVISION
Wichita, Kansas
RECEIVED STATE CORPORATION COMMISSION
APR 17 1991
CONSERVATION DIVISION
Wichita, Kansas
RECEIVED STATE CORPORATION COMMISSION
MAY 14 1991
CONSERVATION DIVISION
Wichita, Kansas



5-16-91

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 Brian Kurlin

Title Production Vice President Date 4-5-91

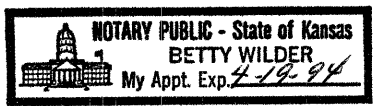
Subscribed and sworn to before me this 5 day of April, 19 91.

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 Stucky 'A' Well # 2

Sec. 30 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p align="center">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Log-Tech</td> <td style="text-align: center;">3000</td> <td style="text-align: center;">3691</td> </tr> <tr> <td>Anhydrite</td> <td style="text-align: center;">1560+628</td> <td></td> </tr> <tr> <td>Topeka LM</td> <td style="text-align: center;">3116-928</td> <td></td> </tr> <tr> <td>Heebner SH</td> <td style="text-align: center;">3324-1136</td> <td></td> </tr> <tr> <td>Lans/KC</td> <td style="text-align: center;">3367-1179</td> <td></td> </tr> <tr> <td>Arbuckle</td> <td style="text-align: center;">3607-1419</td> <td></td> </tr> <tr> <td>L.T.D.</td> <td style="text-align: center;">3691-1503</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Log-Tech	3000	3691	Anhydrite	1560+628		Topeka LM	3116-928		Heebner SH	3324-1136		Lans/KC	3367-1179		Arbuckle	3607-1419		L.T.D.	3691-1503	
Name	Top	Bottom																							
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L.T.D.	3691-1503																								

CASING RECORD <input type="checkbox"/> New <input checked="" 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	
	12 1/4	8 5/8	20#	221	60-40 poz	135	3% cc, 2% ge	
Production	7 7/8	5 1/2	14#	3686	60-40 poz	175	2%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	
2	3630-32			500 gal - squeezed				
4	3618-22			500 gal - then squeezed				
4	3611-13			1500 gal 15% NE				
2	3625-31			500 gal 15% NE				
2	3443-46			1000 gal 15% NE				
2	3407-12			1000 gal 15% NE				
2	3271-75			1000 gal 15% NE				
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	Size 2 7/8	Set At 3625	Packer At None					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
2/20/91								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	21				275			

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 _____

ORIGINAL

ALLIED CEMENTING CO., INC.

No 1811

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
2-11-91	30	9	18	6:00 AM	7:30 AM	8:15 AM	3:15 PM
Lease	Well No.	Location		County	State		
Stucky	"A" #2	Plainville 34 34 40		ROOKS	KANSAS		

Contractor Bills Well Service	
Type Job Circulate Cement	
Hole Size	T.D.
Csg. 5 1/2"	Depth
Tbg. Size 2 1/2"	Depth 1473'
Bridge Plug 5 1/2"	Depth 2850'
Tool 5 1/2"	Depth 1473'
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf. @ 1530'	

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 **L. R. C. Development**
 Street
 City State

The above was done to satisfaction and supervision of owner agent or contractor.
 Purchase Order No. **4103-16**
 X **Bruce Miller**

CEMENT

Amount Ordered **190 SKS Lite**
 Consisting of **75 SKS COM 3% CC**

EQUIPMENT

#153 No.	Cementer	M Kaufman
Pumptrk	Helper	Gerald K
No.	Cementer	
Pumptrk	Helper	
#213	Driver	Lawrence H.
Bulktrk	Driver	
Bulktrk #	Driver	

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

RECEIVED		Sales Tax
STATE CORPORATION COMMISSION		
Handling		
Mileage	MAY 14 1991	
CONSERVATION DIVISION Wichita, Kansas		Sub Total
		Total

DEPTH of Job	
Reference:	# PUMP TRK
	Sub Total
	Tax
	Total

Remarks: **Tested Bridge Plug x Packer To @ 1750' Held OK Came up set Packer @ 1473' Mixed 265 SKS CEMENT CEMENT Circulated To Surface Square Perfs @ 300' Shut IN**

Frank

ORIGINAL

RECEIVED

JAN 28 1991

EMPHASIS OIL OPERATIONS

P. O. BOX 506
RUSSELL, KS 67665

DRILLERS LOG

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

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Stucky 'A' WELL #2

LOCATION: SW NE SE ¹⁸
Section 30-9S-12W
Rooks County, Kansas

LOGGERS TOTAL DEPTH: 3691'

ROTARY TOTAL DEPTH: 3690'

COMMENCED: 1/17/91

CASING: 8-5/8" @ 221' w/135 sks cement
5-1/2" @ 3689' w/175 sks cement

ELEVATION: 2188' K.B.

COMPLETED: 1/23/91

STATUS: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Dakota Sand	908'	Heebner	3324'
Red Bed	976'	Toronto	3350'
Cedar Hills	1053'	Lansing-Kansas City	3365'
Shale	1281'	Base Kansas City	3586'
Anhydrite	1559'	Arbuckle	3608'
Shale	1602'	R.T.D.	3690'
Topeka	3114'		

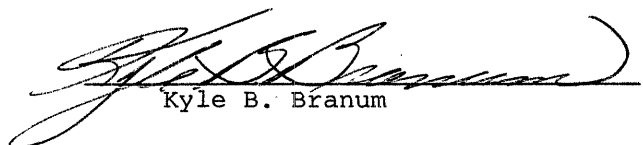
RECEIVED
STATE CORPORATION COMMISSION

APR 11 1991

CONSERVATION DIVISION
Wichita, Kansas

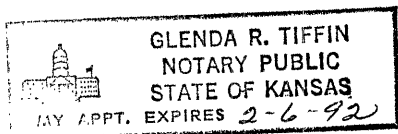
STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

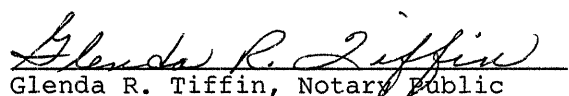
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.


Kyle B. Branum

Subscribed and sworn to before me on January 25, 1991.

My commission expires: February 6, 1992.




Glenda R. Tiffin, Notary Public

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ORIGINAL ALLIED CEMENTING CO., INC.

No 1730

Home Office P. O. Box 31

Russell, Kansas 67665

Date	1-17-91	Sec.	30	Fwp.	9	Range	18	Called Out		On Location		Job Start		Finish	7:15 PM
Lease	Stucky	Well No.	A-2	Location	Plainville 3 1/4 N	County	Woods	State							

Contractor		Emph	
Type Job		Surface	
Hole Size	12 1/4	T.D.	224
Csg.	8 5/8	Depth	221
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	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	Lewell Resources Corp.		
Street			
City	State		
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	T 89246		
X	Jack D. Fox		

EQUIPMENT

No.	Cementor	McAdoo Will
Pumptrk 17	Helper	
No.	Cementor	Glen
Pumptrk	Helper	
	Driver	
Bulktrk 212		
Bulktrk	Driver	

CEMENT	
Amount Ordered	135 60/80 3% CC 2 7/8 Gal
Consisting of	
Common	
Poz. Mix	RECEIVED STATE CORPORATION COMMISSION
Gel.	
Chloride	
Quickset	APR 11 1991
CONSERVATION DIVISION Wichita, Kansas	
Sales Tax	

DEPTH of Job

Reference:	Pump Truck Plug
	Sub Total
	Tax
	Total

Handling	
Mileage	
	Sub Total
	Total
Floating Equipment	

Remarks: Cement Did in

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
 Phone 316-793-5861, Great Bend, Kansas

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

ALLIED CEMENTING CO. INC. No. 9660

Home Office P. O. Box 31, Russell, Kansas 67665

Date	12/23/51	Sec	18	Range	3-20-8M	Called Out	10:30 P.M.	On Location	11:30 A.M.	Job Start	12:30 A.M.	Finish	3:30 A.M.
Lease	Shelton A	Well No.	200	Location	Plainville 3 1/2 W N 25	County	Rock	State	KS				
Contractor	G. H. H. Co.												
Type Job	CUSTOMER												
Hole Size	10 1/2	Depth	3687										
Cg	5/8	Depth	3687										
Drill Pipe	2 1/2	Depth	3687										
Tool		Depth											
Cement Left in Csg	13'	Shoe Joint	13.32'										
Press Max	1000	Minimum											
Meas Line	X	Displac											
Perf.													

ALLIED CEMENTING CO. INC. No. 9660

Consisting of: 100 gal. WFR & mud flush.

Common 105 sks @ 5.25/sk. = 551.25

Port Mix 20 sks @ 2.75/sk. = 55.00

Chloride 3 sks @ 31.25/sk. = 93.75

Quickset 500 gal @ 50.00/gal. = 250.00

Sales Tax

Handling 1.00

Mileage 2.00

Sub Total 951.00

Total 951.00

EQUIPMENT

No.	Cement	Quantity
Pumptrk	191	1
Pumptrk	Helper	1
Bulktrk	1272	1
Bulktrk	Dryer	1

DEPTH of Job 3687 ft

Reference 100 gal. WFR & mud flush 95.00

1 1/2" port mix 20 sks @ 2.75/sk. 55.00

1 1/2" port mix 20 sks @ 2.75/sk. 55.00

Sub Total 951.00

Total 951.00

Remarks: 100 gal. WFR & mud flush 95.00

1 1/2" port mix 20 sks @ 2.75/sk. 55.00

1 1/2" port mix 20 sks @ 2.75/sk. 55.00

1 cementing basket 12.00

6 cement hoses 46.00

717.00

RECEIVED at Held.

STATE CORPORATION COMMISSION

APR 11 1901

Thanks

Consisting of: 100 gal. WFR & mud flush.

Common 105 sks @ 5.25/sk. = 551.25

Port Mix 20 sks @ 2.75/sk. = 55.00

Chloride 3 sks @ 31.25/sk. = 93.75

Quickset 500 gal @ 50.00/gal. = 250.00

Sales Tax

Handling 1.00

Mileage 2.00

Sub Total 951.00

Total 951.00

1-100 gal. WFR & mud flush 95.00

1-1 1/2" port mix 20 sks @ 2.75/sk. 55.00

1-1 1/2" port mix 20 sks @ 2.75/sk. 55.00

1-cementing basket 12.00

6-cement hoses 46.00

717.00