

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

Operator: License # 5135
Name: John O. Farmer, Inc.
Address P.O. Box 352
Russell, KS 67665
City/State/Zip _____
Purchaser: N/A
Operator Contact Person: Martin K. Dubois
Phone (913) 483-3144
Contractor: Name: Shields Drilling Company
License: 160
Wellsite Geologist: John O. Farmer IV
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBTB
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____
9-27-94 10-7-94
Spud Date Date Reached TD Completion Date

API NO. 15- 101,21,687 ⁰⁰⁻⁰⁰ ORIGINAL
County Lane
App. NE SW SW Sec. 32 Twp. 16S Rge. 28 ^E
865 Feet from (S) (circle one) Line of Section
990 Feet from (E) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (S) (circle one)
Lease Name Shields Townsite Well # 1
Field Name (Wildcat)
Producing Formation None
Elevation: Ground 2781' KB 2786'
Total Depth 4615' PBTB _____
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 _____
feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan D&A J 2/ 5-1-95
(Data must be collected from the Reserve Pit)
Chloride content 25,000 ppm Fluid volume 1,800 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: (not hauled)
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
County _____ Docket No. 001 & 2:500

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 John O. Farmer III
Title President Date 10-26-94
Subscribed and sworn to before me this 26th day of October,
19 94.
Notary Public Margaret A. Schulte
Margaret A. Schulte
Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name John O. Farmer, Inc. Lease Name Shields Townsite Well # 1

County Lane

Sec. 32 Twp. 16S Rge. 28
 East
 West

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.)

List All E.Logs Run:

* SHIELDS DRILLERS LOG SENT 10-19-94

** DST's LISTED ON PAGE 2, SIDE 2

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Base/Anhy.	2213'	(+573)
Heebner	3960	(-1174)
Lansing	4001'	(-1215)
Stark	4251'	(-1465)
Marmaton	4346'	(-1560)
Pawnee	4441'	(-1655)
Fort Scott	4480'	(-1694)
Cherokee	4524'	(-1738)
Johnson Zone	4567'	(-1781)
Mississippi	4598'	(-1812)
R.T.D.	4615'	(-1829)

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"		268'	60/40 Pozmix	175	3% C.C., 2% gel

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 Yes No

Date of First, Resumed Production, SMD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcf Water N/A Bbls. Gas-Oil Ratio _____ Gravity _____

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

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

Production Interval _____

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR John O. Farmer, Inc. LEASE NAME SHIELDS TOWNSITE SEC. 32 TWP. 16S RGE. 28W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>CONTINUED FROM SIDE TWO (Page One)</p> <p><u>DST #1 4215-4325'</u> Tool open 30-30-30-30 Strong blow on both opens Rec: 600' oil specked muddy water 1590' satl water (chl. 62,000) FP: 202-744, 807-987 SIP: 1103-1093 HP: 2184-2154 BHT: 126^o</p> <p><u>DST #2 4323-4412'</u> Tool open 30-30-30-30 Very weak blow Rec: 10' mud FP: 53-53, 53-53 SIP: 74-64 HP: 2247-2226 BHT: 112^o</p>				

OCT 2 1934

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

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

NEW

ALLIED CEMENTING CO., INC. 8349

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

Date	7-27-94	Sec.	32	Twp.	16	Range	28	Called Out	7:00PM	On Location		Job Start	10:00PM	Finish	10:30PM
Lease	Shields Youngs, Jr.	Well No.	1	Location	Wedge Shields KS	County	LANE	State	KS						

Contractor	Shields Drlg	Owner	John O. Farmer, Inc
Type Job	Surface	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	12 1/4	T.D.	265
Csg.	8 7/8	Depth	265
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line	Yes	Displace	
Perf.			

Charge To	John O. Farmer, Inc
Street	P.O. Box 352
City	Russell
State	KS 67665
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Burton Boehly
	CEMENT

EQUIPMENT

No.	Cementor	Dean
Pumptrk 191	Helper	Wayne
No.	Cementor	
Pumptrk	Helper	
Ness 69	Driver	MIKE
Bulktrk		
Bulktrk	Driver	

Amount Ordered	175 sks 60/40 39% c. 290 Gal
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	

DEPTH of Job		
Reference:	Pump Trk chrg	
	2 1/2 per Mile	
	Surface Plug	
	Sub Total	
	Tax	
	Total	

Handling	
Mileage	
Sub Total	
Total	
Floating Equipment	

Remarks: Ran 6 Joints 8 7/8 csg
 cement did circulate
 cemented w/ 175 sks 60/40 39% c. 290 Gal

RECEIVED STATE CORPORATION COMMISSION
 OCT 27 1994
 Thank You

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, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6223 ORIGINAL

NEW

Date	10-07-74	Sec.	32	Twp.	16S	Range	28W	Called Out	3:15 AM	On Location	5:15 AM	Job Start	7:30 AM	Finish	11:00 AM
Lease	SHIELDS T-Site	Well No.	1	Location	SHIELDS TOWNSHIP			County	LANE	State	KANSAS				

Contractor	SHIELDS DRILL CO. Rig # 2	
Type Job	ROTARY PLUG BS	
Hole Size	7 7/8"	T.D. 4615'
Csg.	3 5/8"	Depth 262'
Tbg. Size		Depth
Drill Pipe	4 1/2"	Depth 2170
Tool		Depth
Cement Left in Csg.		Shoe Joint
Press Max.		Minimum
Meas Line		Displace
Perf.		

Owner	JOHN O. FARMER, INC.	
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	JOHN O. FARMER, INC.	
Street		
City	RUSSELL	State KANSAS
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.		
X	V. Burton Beery	
	CEMENT	

EQUIPMENT

No.	Cementor	BUD
Pumptrk 224	Helper	MIKE
No.	Cementor	
Pumptrk	Helper	
	Driver	BELVIN
Bulktrk 177	Driver	

Amount Ordered	215 SK 60/40 FOR 1 3/4% GEL 1/4" TDS	
Consisting of		
Common		
Poz. Mix		
Gel.		
Chloride		
Quickset		
Sales Tax		

DEPTH of Job

Reference:	PUMP TRUCK CUG	
DC	PUMP TRUCK MILES	
		Sub Total
		Tax
		Total

Handling	
Mileage	
Sub Total	
Total	
Floating Equipment	

Remarks:
 7:20 1st PLUG 5" SW 2170'
 8:10 2nd PLUG 3 5/8" 1410'
 9:10 3rd PLUG 4 1/2" 720'
 10:00 4th PLUG 1 1/2" 210' 75% RATIOES
 11:00 TOP PLUG 1 1/2" 40' 100% MUD 1 1/2" 10' 100%

11:00

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