

ORIGINAL CONFIDENTIAL

FORM MUST BE TYPED

SIDE ONE

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

RELEASED

JAN 29 1999

Operator: License # 513
Name: John O. Farmer Inc.
Address: P.O. Box 352
City/State/Zip: Russell, KS 67665

Purchaser: _____

Operator Contact Person: Martin K. Dubois
Phone (785) 483-3144

Contractor: Name: Glen Chase Drilling
License: 9561

Wellsite Geologist: John O. Farmer IV

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW 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. _____

9-8-97 9-10-97
Spud Date Date Reached TD Completion Date

API NO. 15- 171-20,515-00-00

County Scott

C - E/2 - SW Sec. 23 Twp. 16S Rge. 32 X W

1320 Feet from S (circle one) Line of Section
1980 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or S (circle one)

Lease Name Brueggeman Well # CH-4
Field Name (wildcat)
Producing Formation _____

Elevation: Ground 2977' KB _____
Total Depth 800' RTD PBTB _____

Amount of Surface Pipe Set and Cemented at 20' @ 23 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 P&A, 4-8-98 U.C.
(Data must be collected from the Reserve Pit) No Reserve Pit

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name KCC

Lease Name OCT 13 License No. 0

Quarter Sec S Rng. U E/W

County _____ Docket No. _____

CONFIDENTIAL

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
John O. Farmer III

Title President Date 10-13-97

Subscribed and sworn to before me this 13th day of October, 19 97.

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)

ACORD

SIDE TWO

Operator Name John O. Farmer, Inc. Lease Name Brueggeman Well # CH-4
 Sec. 23 Twp. 16S Rge. 32 East County Scott
 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.)

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Fort Hays	712'	(+2265)
Base/Fort Hays	778'	(+2199)
L.T.D.	804'	(+2173)

List All E.Logs Run:

Gamma Ray Log

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/Marker	6-5/8"	5-1/2"		20' @ 23'	60/40 Pozmix	15	6% gel
(set after drilling well, during plugging operations)							

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	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 Perf. Dually Comp. Commingled

Other (Specify) _____

Production Interval _____

GLEN CHASE DRILLING
CHANUTE, KS 66720

ORIGINAL
DRILLERS TEST LOG

P.O. BOX 286
316/431-2283

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CUSTOMER NAME John O. Farmer, Inc. DATE September 13, 1997
STREET ADDRESS P.O. Box 352 TEST # 4 E. LOG Yes
CITY & STATE Russell, Kansas 67665 DRILLER Glen Chase
COUNTY Scott LOCATION _____

Footage	Description of Strata
0-25	Sub soil, brown clay
20-120	Brown Clay, calachie
120-176	Sand/gravel, clay layers
176-180	Yellow clay, shale
180-706	Shale
706-725	Chalk
725-780	Lime firm
780	Shale

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

KCC

OCT 13

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ALLIED CEMENTING CO., INC. 9994

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley

ORIGINAL

15-171-20515

DATE <u>9-10-97</u>	SEC. <u>23</u>	TWP. <u>16S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>9:30 AM</u>	JOB START	JOB FINISH <u>11:15 AM</u>
LEASE <u>Core Hole</u>	WELL # <u>4</u>	LOCATION <u>4x83 Jct - 4E-3N-3E</u>			COUNTY <u>Scott</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR <u>Chase Dils Co.</u>		OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>		
HOLE SIZE	T.D.	CEMENT
CASING SIZE <u>5 1/2</u>	DEPTH <u>20'</u>	AMOUNT ORDERED <u>100 SKS 60/40 per</u>
TUBING SIZE	DEPTH	<u>6 1/2 Gal</u>
DRILL PIPE <u>3 1/2</u>	DEPTH <u>8</u>	<u>(used 85 SKS)</u>
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON _____
MEAS. LINE	SHOE JOINT	POZMIX _____
CEMENT LEFT IN CSG.		GEL _____
PERFS.		CHLORIDE _____
DISPLACEMENT		
EQUIPMENT		
PUMP TRUCK	CEMENTER <u>Walt</u>	
# <u>102</u>	HELPER <u>Walt</u>	
BULK TRUCK		
# <u>210</u>	DRIVER <u>Jeff</u>	
BULK TRUCK		
#	DRIVER	

REMARKS:

Mixed 30 - SKS 2 8'

Mixed 40 - SKS to Surface

Put 15 - SKS on Top

FROM CONFIDENTIAL SERVICE

DEPTH OF JOB	<u>8</u>
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE <u>45 miles</u>	@ <u>2</u>
PLUG	@
	@
	@

CHARGE TO: John O. Farmer

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

KCC

OCT 13

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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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME _____