

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

RECEIVED
OCT 16 2003
KCC WICHITA

API No. 15- 065-22,916-00-00

County Graham
100' South & 130' West of E
- C - N/2 - SW Sec. 9 Twp. 9S Rge. 21 X W

Operator: License # 5135
Name: John O. Farmer, Inc.
Address P.O. Box 352
City/State/Zip Russell, KS 67665

1880 Feet from (S)N (circle one) Line of Section
1190 Feet from (E)W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or (S)W (circle one)

Purchaser: NCRA

Lease Name Clack "B" Well # 1
Field Name _____
Producing Formation Arbuckle

Operator Contact Person: John O. Farmer IV
Phone (785) 483-3144

Elevation: Ground 2215' KB 2223'
Total Depth 3791' PBTD 3756'

Contractor: Name: Discovery Drilling Co., Inc.
License: 31548
Wellsite Geologist: Matt Dreiling

Amount of Surface Pipe Set and Cemented at 226 Feet

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:

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1692 Feet

If Alternate II completion, cement circulated from 1692
feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan MC 11 W 10.20.03
(Data must be collected from the Reserve Pit)

Chloride content 6,000 ppm Fluid volume 160 bbls
Dewatering method used allow to dry by evaporation

Location of fluid disposal if hauled offsite:

Operator Name NA

Lease Name _____ License No. _____

____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBTD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

7-7-03 7-13-03 7-24-03
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Room 2078, 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 _____
Subscribed and sworn to before me this 15th day of October,
20 03.

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)

Form ACO-1 (7-91)



SIDE TWO

Operator Name John O. Farmer, Inc. Lease Name Clack "B" Well # 1

East County Graham

Sec. 9 Twp. 9S Rge. 21
 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1693'	(+530)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3172'	(-949)
List All E.Logs Run:		Heebner	3382'	(-1159)
Dual Compensated Porosity Log		Toronto	3405'	(-1182)
Dual Induction Log		Lansing/KC	3422'	(-1199)
Microresistivity Log		Stark	3599'	(-1376)
		Base/KC	3633'	(-1410)
		Arbuckle	3737'	(-1514)
		L.T.D.	3792'	(-1569)

CASING RECORD							
<input checked="" 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
Surface	12-1/4"	8-5/8"	24#	226'	Common	150	3% CC, 2% gel
Production	7-7/8"	5-1/2"	14#	3786'	ASC	125	2% gel, 500 gal. WFR-2, 3/4% CFR-2
		Port Collar		1692'	60/40 Pozmix	200	6% gel, 1/4# floreal

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	Top Bottom			
<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
4 SPF	3739-46'	Completed Natural	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	3752'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
August 1, 2003	<input type="checkbox"/> Flowing <input checked="" 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
	25.88				31.73			28.0°

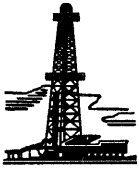
Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

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

Production Interval: 3739-46'

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**Discovery
Drilling**

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: **John O. Farmer, Inc.**
PO Box 352
Russell, KS 67665

Contractor: **Discovery Drilling Co., Inc.**
PO Box 763
Hays, KS 67601

Lease: Clack "B" #1

Location: 100' S & 130' W of C / N/2 / SW
Sec. 9/9S/21W
Graham Co., KS

Loggers Total Depth: 3792'
Rotary Total Depth: 3791'
Commenced: 7/7/2003
Casing: 8 5/8" @ 226.67' w/150sks
5 1/2" @ 3783' w/125sks
Port Collar @ 1692'

Elevation: 2215' GL / 2223' KB
Completed: 7/13/2003
Status: Oil Well

**DEPTHS & FORMATIONS
(All from KB)**

Surface, Sand & Shale	0'	Shale	1726'
Dakota Sand	842'	Shale & Lime	2186'
Shale	1005'	Shale	2614'
Cedar Hill Sand	1195'	Shale & Lime	3003'
Red Bed Shale	1428'	Lime & Shale	3357'
Anhydrite	1692'	RTD	3791'
Base Anhydrite	1726'		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

Thomas H. Alm

Thomas H. Alm

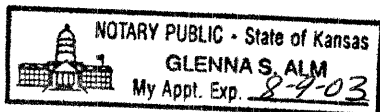
Subscribed and sworn to before me on 7-14-03

My Commission expires: 8-9-03

(Place stamp or seal below)

Glenna S. Alm

Notary Public



ALLIED CEMENTING CO., INC. 15226

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT:
Russell

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DATE <u>7-7-03</u>	SEC. <u>9</u>	TWP. <u>9</u>	RANGE <u>21</u>	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>11:30 AM</u>	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Clark</u>	WELL # <u>B-1</u>	LOCATION <u>Church OF GOD SW</u>	COUNTY <u>Grattan</u>		STATE <u>KANSAS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		<u>3N 12E 1/2N</u>					

CONTRACTOR Discovery Drlg Rig #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 227'

CASING SIZE 8 5/8 DEPTH 226'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13 1/2 / 88L

EQUIPMENT _____

PUMP TRUCK CEMENTER Steve

345 HELPER Dave

BULK TRUCK _____

282 DRIVER RUFUS

BULK TRUCK _____

_____ DRIVER _____

OWNER _____

CEMENT AMOUNT ORDERED 150 SK. Com.

3% cc

2% GEL

COMMON	<u>150</u>	@	<u>7.45</u>	<u>1072.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>1.15</u>	<u>172.50</u>
MILEAGE	<u>54 SK</u>	@	<u>1/mile</u>	<u>337.50</u>
TOTAL				<u>1762.50</u>

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REMARKS: Cement Did Circulate ✓

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>520.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>45</u>	@ <u>3.50</u> <u>157.50</u>
PLUG	<u>8 5/8 WOODEN</u>	@ <u>45.00</u>
	@	
	@	
TOTAL		<u>722.50</u>

CHARGE TO: JOHN O. FARMER INC.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL		_____

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME _____

ALLIED CEMENTING CO., INC.

15685

Federal Tax I.D. [REDACTED]

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

SERVICE POINT:

R

DATE <u>7-13-07</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>11:00AM</u>	JOB START <u>2:45pm</u>	JOB FINISH <u>3:30pm</u>
LEASE <u>CLACK</u>	WELL # <u>3-1</u>	LOCATION <u>CHURCH OF GOD 3W 3N17E</u>			COUNTY <u>GRAHAM</u>	STATE <u>KS</u>	
<input checked="" type="checkbox"/> OLD OR NEW (Circle one)							

CONTRACTOR DISCOVERY 1
 TYPE OF JOB PRODUCTION SPRING
 HOLE SIZE 7 7/8 T.D. 3791
 CASING SIZE 5 1/2 DEPTH 3786
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 21.91
 CEMENT LEFT IN CSG. 21.91
 PERFS. _____
 DISPLACEMENT 91 3/4 BBL

OWNER used 125 SK

CEMENT AMOUNT ORDERED 150 ASC 2% CEL
500 GAL WFR-2
34 of 1 1/2 CFR-2

COMMON	<u>150ASC</u>	@	<u>9.00</u>	<u>1350.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE		@		
WFR-2	<u>500gals</u>	@	<u>1.00</u>	<u>500.00</u>
CFR-2	<u>1125</u>	@	<u>8.00</u>	<u>896.00</u>

EQUIPMENT
 PUMP TRUCK CEMENTER mark
 # 345 HELPER CLAY
 BULK TRUCK
 # 782 DRIVER ZURUS
 BULK TRUCK
 # _____ DRIVER _____

HANDLING 150 @ 1.15 172.50
 MILEAGE 54/SK/mile 337.50

TOTAL 3286.00

REMARKS:

SERVICE

PL ON JT 52
10 SK C MH.
15 SK C RH.
FLOAT HELD

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1130.00
 EXTRA FOOTAGE @ _____
 MILEAGE 45 @ 3.50 157.50
 PLUG 5/2 TRP @ _____ 50.00

TOTAL 1337.50

CHARGE TO: J.D. FARMER
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>5/2</u>			
<u>CUTS SIDE</u>	@	<u>150.00</u>	
<u>INSERT</u>	@	<u>235.00</u>	
<u>7-CENT</u>	@	<u>40.00</u>	<u>280.00</u>
<u>3-BASKET</u>	@	<u>102.00</u>	<u>426.00</u>
<u>10-RECP SCRATCH</u>	@	<u>45.00</u>	<u>450.00</u>

TOTAL 1541.00

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TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Ann Weenley

A.W.
 PRINTED NAME

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 OCT 16 2003
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ALLIED CEMENTING CO., INC. 14954

Federal Tax I.D.# 4

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

SERVICE POINT:
Russell

DATE <u>7/23/02</u>	SEC.	TWP.	RANGE	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>10:15 AM</u>	JOB START	JOB FINISH <u>1:00 PM</u>
LEASEE <u>Clack</u>	WELL # <u>B-1</u>	LOCATION <u>Church of God 1W3NW</u>			COUNTY <u>Graham</u>	STATE <u>Ne</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>POE</u>		OWNER	
TYPE OF JOB <u>Port+collar</u>		CEMENT	
HOLE SIZE <u>2 7/8</u>	T.D.	AMOUNT ORDERED	
CASING SIZE <u>5/8</u>	DEPTH	<u>325 6 3/4 6 7/8 1/2 *A6</u>	
TUBING SIZE <u>2 7/8</u>	DEPTH	<u>Used 200 lbs</u>	
DRILL PIPE	DEPTH		
TOOL	DEPTH		
PRES. MAX	MINIMUM	COMMON	<u>120 @ 7-15 850⁰⁰</u>
MEAS. LINE	SHOE JOINT	POZMIX	<u>80 @ 3⁰⁰ 304⁰⁰</u>
CEMENT LEFT IN CSG.		GEL	<u>10 @ 10⁰⁰ 100⁰⁰</u>
PERFS.		CHLORIDE	<u>@ @ 145 70⁰⁰</u>
DISPLACEMENT		<u>Flo Seal 50# @ 145 70⁰⁰</u>	
EQUIPMENT			
PUMP TRUCK	CEMENTER <u>B:11</u>		
# <u>366</u>	HELPER <u>PAUL</u>	HANDLING	<u>325 @ 115 37375</u>
BULK TRUCK		MILEAGE	<u>545k/mile 73125</u>
# <u>362</u>	DRIVER <u>Rufus</u>	TOTAL <u>2437⁰⁰</u>	
BULK TRUCK			
#	DRIVER		

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REMARKS:	SERVICE
<u>BPC 2700' Test to 1500' ok</u>	DEPTH OF JOB
<u>Turnhole</u>	PUMP TRUCK CHARGE <u>630⁰⁰</u>
<u>P.C. @ 1642 - Est. Circ.</u>	EXTRA FOOTAGE @
<u>Cont of 2000' Cont. Circ. TO SURFACE</u>	MILEAGE <u>45 @ 350 15750</u>
<u>Close tool, Test P.C.</u>	PLUG @
<u>Ran 5 Jts wash clean</u>	@
<u>Retrieve B.P. pull tub.</u>	@
	TOTAL <u>1787⁵⁰</u>

CHARGE TO: J.O. FARMER

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

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TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Aven Wearning

PRINTED NAME Adm

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