

KCC

MAY 01 2003

ORIGINAL

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

API NO. 5 **CONFIDENTIAL** 051-25,200-00-00

County Ellis

W/2 - SE - NE - SW Sec. 5 Twp. 13S Rge. 17 X W

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

1580 Feet from S (circle one) Line of Section
2135 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or S (circle one)

Purchaser: NCRA

Lease Name Brungardt Well # 2
Field Name Reed
Producing Formation Lansing/KC

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

Elevation: Ground 2027' KB 2035'
Total Depth 3650' PBTD 3567'

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

Amount of Surface Pipe Set and Cemented at 220 Feet

Designate Type of Completion
X New Well Re-Entry Workover

Multiple Stage Cementing Collar Used? X Yes No
If yes, show depth set 1275 Feet

X Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Alternate II completion, cement circulated from 1275
feet depth to surface w/ 350 sx cmt.

If Workover/Re-Entry: old well info. as follows:

Drilling Fluid Management Plan ALT II WITH
(Data must be collected from the Reserve Pit) 2-15-07

Operator:
Well Name:
Comp. Date Old Total Depth

Chloride content 17,000 ppm Fluid volume 320 bbls
Dewatering method used allow to dry by evaporation

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

Location of fluid disposal if hauled offsite:

Operator Name NA

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

3-8-03 3-17-03 3-31-03
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 5-1-03
Subscribed and sworn to before me this 1st day of May,
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 Brungardt Well # 2

East County Ellis

Sec. 5 Twp. 13S Rge. 17
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates of gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run (Submit Copy.) Yes No
List All E.Logs Run:
Dual Compensated Porosity Log Dual Induction Log
Sonic Cement Bond Log Microresistivity Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample Datum
Name	Top	Datum
Anhydrite	1270'	(+765)
Base/Anydrite	1308'	(+727)
Topeka	3038'	(-1003)
Heebner	3276'	(-1241)
Toronto	3296'	(-1261)
Lansing/KC	3322'	(-1287)
Base/KC	3552'	(-1517)
Arbuckle	3576'	(-1541)
L.T.D.	3652'	(-1617)

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"	23#	220'	Common	150	3% CC, 2% gel
Production	7-7/8"	5-1/2"	15.5#	3649'	ASC	150	2% gel, 500 gal. WFR-2, 3/4" CD-31
			DV-Tool	1275'	60/40 Pozmix	350	6% gel, 1/4# floesal

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				

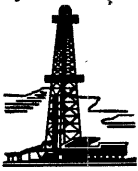
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3350-3549' (overall)	2350 gals. 15% NE	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-7/8"	3567'		

Date of First, Resumed Production, SWD or Inj.	Producing Method
April 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
	90.00		0.00		31.0°

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: 3350-3549' (overall)



**Discovery
Drilling**

CONFIDENTIAL

ORIGINAL

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: Brungardt #2

Location: 70' S & 155' E of CS/2 / NE / SW
Sec. 5/13S/17W
Ellis Co., KS

Loggers Total Depth: 3652'
Rotary Total Depth: 3650'
Commenced: 3/8/03
Casing: 8 5/8" @ 220.38' w/150sks
5 1/2" @ 3650' w/150sks
DV Tool @ 1276' w/350sks

Elevation: 2027' GL / 2035' KB
Completed: 3/17/03
Status: Oil Well

KCC
MAY 01 2003
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MAY 02 2003
KCC WICHITA

DEPTHS & FORMATIONS
(All from KB)

Surface, Sand & Shale	0'	Shale	1309'
Dakota Sand	496'	Shale & Lime	1915'
Shale	613'	Shale	2438'
Cedar Hill Sand	742'	Shale & Lime	2892'
Red Bed Shale	913'	Lime & Shale	3073'
Anhydrite	1270'	RTD	3650'
Base Anhydrite	1309'		

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.

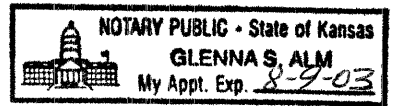
Thomas H. Alm

Subscribed and sworn to before me on 3-18-03

My Commission expires: 8-9-03

(Place stamp or seal below)

Notary Public



ALLIED CEMENTING CO., INC. 11448 ORIGINAL

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

R

CONFIDENTIAL

KCC

MAY 01 2003

CONFIDENTIAL

DATE <u>3-9-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>7:00 PM</u>	JOB START <u>8:30 PM</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>DISCOVERY</u> WELL # <u>2</u>			LOCATION <u>TOULON E J. 70 4N 34E</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR DISCOVERY

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 221

CASING SIZE 8 5/8 DEPTH 220

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15'

PERFS.

DISPLACEMENT 13 BBL

EQUIPMENT

PUMP TRUCK CEMENTER MORIK

345 HELPER GLEN

BULK TRUCK

282 DRIVER BRENT

BULK TRUCK

DRIVER

OWNER

CEMENT

AMOUNT ORDERED 150 COM 370 CC
290 GEL

COMMON 150 @ 665 997.50

POZMIX @

GEL 3 @ 10.00 30.00

CHLORIDE 5 @ 30.00 150.00

HANDLING 150 @ 1.40 210.00

MILEAGE 44/SK 1 MILE 120.00

TOTAL 1462.50

RECEIVED
MAY 02 2003
KCC WICHITA

REMARKS:
(Did Circulate)

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 20 @ 3.00 60.00

PLUG 8 5/8 WOOD @ 45.00

TOTAL 625.00

CHARGE TO: J.O. FARMER

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 Thomas ALM

Thomas ALM
PRINTED NAME

ALLIED CEMENTING CO., INC. 13305

CONFIDENTIAL Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX
RUSSELL, KANSAS 67665

SERVICE POINT:
R

ORIGINAL

KCC

MAY 01 2003

CONFIDENTIAL

DATE <u>3-17-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>11:00AM</u>	JOB START <u>2:45PM</u>	JOB FINISH <u>3:15 PM</u>
LEASE <u>BRUNN</u> WELL # <u>2</u>		LOCATION <u>TOWSON SN 3/4 W N</u>		COUNTY <u>ELLIS</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR <u>DISCOVERY #2</u>	OWNER																																													
TYPE OF JOB <u>PRODUCTION STRING (STOP)</u>																																														
HOLE SIZE <u>7 7/8</u>	T.D. <u>3652 (BOTTOM)</u>																																													
CASING SIZE <u>5 1/2</u>	DEPTH <u>3651</u>																																													
TUBING SIZE	DEPTH																																													
DRILL PIPE	DEPTH																																													
TOOL	DEPTH																																													
PRES. MAX <u>900#</u>	MINIMUM																																													
MEAS. LINE	SHOE JOINT <u>13'</u>																																													
CEMENT LEFT IN CSG. <u>13'</u>																																														
PERFS.																																														
DISPLACEMENT <u>8 1/2</u>																																														
EQUIPMENT																																														
PUMP TRUCK CEMENTER <u>MARK</u>																																														
# <u>345</u> HELPER <u>GLEN</u>																																														
BULK TRUCK																																														
# <u>282</u> DRIVER <u>RUPUS</u>																																														
BULK TRUCK																																														
# <u>362</u> DRIVER <u>BRENT</u>																																														
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REMARKS:

SERVICE

<u>BROKE CIRC - CIRC & ROTATE 45 METAL</u>	DEPTH OF JOB	
<u>MEYER 500 GAL WFR-2 - 150 ASC -</u>	PUMP TRUCK CHARGE	<u>1130.00</u>
<u>CLEAN LINE - DISPLACE 5 1/2 BBL WATER -</u>	EXTRA FOOTAGE	@
<u>30 BBL MUD - FLUG LAND C9000</u>	MILEAGE <u>20</u>	@ <u>3.00</u> <u>60.00</u>
<u>FLOAT HELD</u>	PLUG	@
		@
		@
		@
	TOTAL	<u>1190.00</u>

CHARGE TO: J.D. FARMER

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>5 1/2 ROTATING SCRATCH</u>		<u>1800.00</u>
<u>GUIDE SHOE</u>	@	<u>150.00</u>
<u>INSERT</u>	@	<u>235.00</u>
<u>8-CENT</u>	@ <u>40.00</u>	<u>320.00</u>
<u>3-BASKETS</u>	@ <u>142.00</u>	<u>426.00</u>
<u>STAGE COLLAR</u>	@	<u>2800.00</u>
TOTAL		<u>5731.00</u>

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.

SIGNATURE Ann Weaviloy

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME

RECEIVED
MAY 02 2003
KCC WICHITA

ALLIED CEMENTING CO., INC. 13306

CONFIDENTIAL

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 3
RUSSELL, KANSAS 67665

SERVICE POINT:
R

ORIGINAL

DATE <u>3-17-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>3:30 PM</u>	JOB FINISH <u>4:30 PM</u>
<u>BRUNGARDT</u> LEASE	WELL # <u>Z</u>	LOCATION <u>TOWSON SN 34E N</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

KCC

MAY 01 2003

CONFIDENTIAL

CONTRACTOR DISCOVERY #2

TYPE OF JOB V (3000) (TOP)

HOLE SIZE 7 7/8 T.D. 3652

CASING SIZE 5 1/2 DEPTH 3651

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL STAGE COLLAR DEPTH 1276

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 30 1/4 BBL

OWNER

CEMENT

AMOUNT ORDERED 375 6 1/4 670 GEL

1/4 LB FLO-SEAL/SK

USED 350 SKS

COMMON	<u>210</u>	@	<u>665</u>	<u>1396.50</u>
POZMIX	<u>140</u>	@	<u>355</u>	<u>497.00</u>
GEL	<u>18</u>	@	<u>10.00</u>	<u>180.00</u>
CHLORIDE		@		
<u>Flo Seal</u>	<u>33 #</u>	@	<u>140</u>	<u>123.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER MARK

345 HELPER ALAN

BULK TRUCK

362 DRIVER BRENT

BULK TRUCK

282 DRIVER RUFUS

HANDLING 375 @ 140 41250

MILEAGE 44 SK @ 1 mile 300.00

(20)

TOTAL 2909.20

REMARKS:

SERVICE

OPENED TOOL w/1000# CTCR 15 MIN DEPTH OF JOB

MIXED 386 SKS CTCR CEMENT - PUMP TRUCK CHARGE 650.00

DISPLACED w/30 1/2 BBL WATER EXTRA FOOTAGE @

CLOSED TOOL w/1000# - RELEASED DEL MILEAGE @

LP PLUG @

15 SKS RH. @

10 SKS MH. @

TOTAL 650.00

CHARGE TO: JD. FARMER

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

@	
@	
@	
@	
@	

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Alan Neavany

PRINTED NAME

RECEIVED
MAY 02 2003
KCC WICHITA