

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 7383  
 Name: Grady Bolding Corporation  
 Address: 114 North Main P.O. Box 486  
 City/State/Zip: Ellinwood, KS 67526  
 Purchaser: NCRA  
 Operator Contact Person: Grady Bolding  
 Phone: (620) 564-2240  
 Contractor: Name: Vonfeldt Drilling, Inc.  
 License: 9431  
 Wellsite Geologist: James C Musgrove  
 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: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back    \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  

<u>12-12-2004</u>	<u>12-19-2004</u>	<u>1-12-2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25346-0000  
 County: Ellis  
S2 E 4 16013  
 \_\_\_\_\_ S/2 \_\_\_\_\_ NW \_\_\_\_\_ NE \_\_\_\_\_ Sec. 4 Twp. 13 S. R. 17  East  West  
4130 feet from (S) / N (circle one) Line of Section  
1900 feet from (E) / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Madden Well #: 4  
 Field Name: Catherine NW  
 Producing Formation: Arbuckle  
 Elevation: Ground: 2056' Kelly Bushing: 2061'  
 Total Depth: 3650 Plug Back Total Depth: 3614'  
 Amount of Surface Pipe Set and Cemented at 244 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 1272 Feet  
 If Alternate II completion, cement circulated from 1272  
 feet depth to surface w/ 300 sx cmt.  
**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit) alt II KGR 3/4/08  
 Chloride content 58000 ppm Fluid volume 800 bbls  
 Dewatering method used Allow to dry and backfill  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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 of 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: \_\_\_\_\_  
 Title: self freem Date: 2/11/05  
 Subscribed and sworn to before me this 11th day of Feb,  
 2005.  
 Notary Public: Jenny Kasselma  
 Date Commission Expires: 7-16-06

**KCC Office Use ONLY**

\_\_\_\_\_ Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 \_\_\_\_\_ Wireline Log Received  
 \_\_\_\_\_ Geologist Report Received  
 \_\_\_\_\_ UIC Distribution

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FEB 14 2005  
KCC WICHITA**



Operator Name: Grady Bolding Corporation Lease Name: Madden Well #: 4  
 Sec. 4 Twp. 13 S. R. 17  East  West County: Ellis

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Borehole Compensated Sonic; Dual Induction; Dual Compensated Porosity; Microsensitivity; Sonic Bond</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  see attached
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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	12 1/4"	8 5/8"	23#	244	ASC common	170	2% gel, 3% CI
production	7 7/8"	5 1/2"	14#	3649	ASC common	150	2% gel, 500 gal WFR-2
(two stage)				1272	common, pozmix,	180/120	2.5% gel, 75# 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	3584-3588		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
		2 3/8"	3610			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
1/19/2005			<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	
	40		0			

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

METHOD OF COMPLETION Production Interval

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FEB 14 2005

KCC WICHITA

# ALLIED CEMENTING CO., INC. 19388

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

SERVICE POINT:  
Russell

DATE <u>12-19-04</u>	SEC. <u>4</u>	TWP. <u>13</u>	RANGE <u>19</u>	CALLED OUT <u>3:00AM</u>	ON LOCATION <u>4:30AM</u>	JOB START <u>11:00AM</u>	JOB FINISH <u>11:45AM</u>
LEASE <u>MADDEN</u>		WELL # <u>4</u>	LOCATION <u>CATHERINE 2N 1/2 E</u>		COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>4S</u>			

CONTRACTOR VONFELDT Rig 1

TYPE OF JOB PRODUCTION STRING (DV)

HOLE SIZE 7 7/8 T.D. 3650'

CASING SIZE 5 1/2 DEPTH 3649'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL DV TOOL DEPTH @ 1272'

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

EQUIPMENT 31 / BBL

PUMP TRUCK CEMENTER Glenn

# 366 HELPER Shane

BULK TRUCK \_\_\_\_\_

# 362 DRIVER CARY

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
TOP STAGE

DV TOOL ON # 56 (1272)

OPEN TOOL @ # \_\_\_\_\_

LAND PLUG @ 1200 #

10 SK @ MOUSE

15 SK @ RAT HOLE

THANK'S

Cement did circulate!

CHARGE TO: Grady Bolding

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 350 SK 60 / 40 6% GEL

1/4 # FLO-SEAL PER SK

used 300 SK

COMMON	<u>180</u>	@	<u>7.05</u>	<u>1269.00</u>
POZMIX	<u>120</u>	@	<u>4.10</u>	<u>492.00</u>
GEL	<u>15</u>	@	<u>11.00</u>	<u>165.00</u>
CHLORIDE		@		
ASC		@		
FLOSEAL	<u>75 #</u>	@	<u>1.40</u>	<u>105.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>368</u>	@	<u>1.35</u>	<u>496.80</u>
MILEAGE	<u>(25) 54 / SK / MILE</u>			<u>460.00</u>
TOTAL				<u>3131.80</u>

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 700.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE @ \_\_\_\_\_

MANIFOLD @ \_\_\_\_\_

TOTAL 700.00

PLUG & FLOAT EQUIPMENT

RECEIVED @ \_\_\_\_\_

FEB 14 2005 @ \_\_\_\_\_

KCC WICHITA @ \_\_\_\_\_

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 Ruby Pope Pope PRINTED NAME

# ALLIED CEMENTING CO., INC. 18927

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

SERVICE POINT: R

DATE <u>12-12-04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>6:30pm</u>
LEASE <u>Madden</u>	WELL # <u>4</u>	LOCATION <u>Catherine 1E 2N 2W</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
* OLD OR <u>NEW</u> (Circle one)				<u>1/4 SSE</u>			

CONTRACTOR Unifield Dig OWNER \_\_\_\_\_  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 250 CEMENT AMOUNT ORDERED 170 com 3 & 2  
 CASING SIZE 8 1/2 DEPTH 244  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 10 1/2  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 28 # ~~15000~~ 14 1/2

**EQUIPMENT**

PUMP TRUCK # 345 CEMENTER Dave HELPER Steve  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_  
 BULK TRUCK # 213 DRIVER Cary

REMARKS:  
Cement Pit

CHARGE TO: Gandy Bolding Corp.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 Mary Buler

COMMON	<u>170</u>	@	<u>785</u>	=	<u>1334 50</u>
POZMIX		@		=	
GEL	<u>3</u>	@	<u>11 00</u>	=	<u>33 00</u>
CHLORIDE	<u>5</u>	@	<u>33 00</u>	=	<u>165 00</u>
ASC		@		=	
HANDLING	<u>178</u>	@	<u>1 35</u>	=	<u>240 30</u>
MILEAGE	<u>54 1/2 MILE</u>			=	<u>222 50</u>
					<b>TOTAL</b> <u>1995 30</u>

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>570 00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>25</u>	@	<u>4 00</u>	<u>100 00</u>
MANIFOLD		@		
<u>Plug</u>	<u>25 1/8</u>	@		<u>55 00</u>
<b>TOTAL</b> <u>725 00</u>				

**PLUG & FLOAT EQUIPMENT**

RECEIVED @ \_\_\_\_\_  
 FEB 14 2005 @ \_\_\_\_\_  
 KCC WICHITA @ \_\_\_\_\_

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Doug Bolding

# ALLIED CEMENTING CO., INC. 19387

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

SERVICE POINT:  
Russell

DATE <u>12-19-04</u>	SEC. <u>4</u>	TWP. <u>13</u>	RANGE <u>17</u>	CALLED OUT <u>3:00 AM</u>	ON LOCATION <u>4:30 AM</u>	JOB START <u>10:15 AM</u>	JOB FINISH <u>10:40 AM</u>
LEASE <u>MADDER</u> WELL # <u>4</u>			LOCATION <u>CATHERINE 2N</u>		COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1/2 E 1/4 S</u>			

CONTRACTOR VONFELDT Rig 1  
 TYPE OF JOB PRODUCTION STRING (DV)  
 HOLE SIZE 7 7/8 T.D. 3650  
 CASING SIZE 5 1/2 NEW DEPTH 3649  
 TUBING SIZE 14# DEPTH 3649  
 DRILL PIPE DEPTH  
 TOOL AFU INSERT DEPTH 3614  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 36.23  
 CEMENT LEFT IN CSG. 36.13  
 PERFS. 5 WATER 30 MVD 1 WATER  
 DISPLACEMENT 88 1/4 BBL

OWNER  
 CEMENT  
 AMOUNT ORDERED 150 SK ASC  
500 GAL WFR-2

COMMON	@		
POZMIX	@		
GEL	@	<u>3</u>	<u>11.00</u> <u>33.00</u>
CHLORIDE	@		
ASC	@	<u>150</u>	<u>9.80</u> <u>1470.00</u>
WFR-2	@	<u>500</u>	<u>1.00</u> <u>500.00</u>
	@		
	@		
	@		
	@		
	@		
HANDLING	@	<u>135</u>	<u>206.55</u>
MILEAGE	@	<u>54/SK/MILE</u>	<u>191.25</u>
TOTAL			<u>2400.80</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Grady  
 # 366 HELPER Shane  
 BULK TRUCK  
 # 213 DRIVER CRAIG  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

BOTTOM STAGE  
Cent 1-2-4-7-8-9-55 (1272)  
BSR PIN #56  
2-STAGE TOOL CN #56 COLLAR  
LAND Play @ 1000#  
FLOAT HELD  
THANK'S

CHARGE TO: GRADY BOLDING CORP.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>180.00</u>
EXTRA FOOTAGE	@		
MILEAGE	@	<u>25</u>	<u>4.00</u> <u>100.00</u>
MANIFOLD	@		
	@		
	@		
TOTAL			<u>1280.00</u>

**(5 1/2) WEATHERFORD  
PLUG & FLOAT EQUIPMENT**

1-Guide Shoe			<u>150.00</u>
1-AFU INSERT	@		<u>235.00</u>
6-TURBO CENT	@	<u>60.00</u>	<u>360.00</u>
1-Reg Cent	@		<u>50.00</u>
1-BSK.	@		<u>128.00</u>
1-2STAGE TOOL	@		<u>3300.00</u>
TOTAL			<u>4223.00</u>

RECEIVED

FEB 14 2005

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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 Rickey Papp

Rickey Papp  
 PRINTED NAME