

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 7383  
Name: Grady Bolding Corporation  
Address 1: 114 N. Main  
Address 2: P.O. Box 486  
City: Ellinwood State: KS Zip: 67526 + 0486  
Contact Person: Grady Bolding  
Phone: (620) 564-2240  
CONTRACTOR: License # 33350  
Name: Southwind Drilling Inc.  
Wellsite Geologist: Jim Musgrove  
Purchaser: NCRA

**RECEIVED**  
**NOV 02 2010**  
**KCC WICHITA**

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., 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     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
08/31/10    09/06/10    09/20/10  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 053-21248-00-00  
Spot Description: \_\_\_\_\_  
SE NW SW NW Sec. 31 Twp. 17 S. R. 10  East  West  
1,950 Feet from  North /  South Line of Section  
563 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ellsworth  
Lease Name: Grizzell Well #: 26  
Field Name: Bloomer  
Producing Formation: Arbuckle  
Elevation: Ground: 1812 Kelly Bushing: 1819  
Total Depth: 3320 Plug Back Total Depth: 3269  
Amount of Surface Pipe Set and Cemented at: 342 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**  
(Data must be collected from the Reserve Pit)  
Chloride content: 10000 ppm Fluid volume: 1500 bbls  
Dewatering method used: natural separation in pit  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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.

**AFFIDAVIT**  
I am the affiant and I hereby certify that 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: SECRETARIES Date: 10/29/10

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: DJG Date: 11/4/10

Operator Name: Grady Bolding Corporation Lease Name: Grizzell Well #: 26  
 Sec. 31 Twp. 17 S. R. 10  East  West County: Ellsworth

**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 complete copy of all Electric Wire-line 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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Dual Compensated Porosity,                  Microsensitivity, Sonic Cement Bond</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  <p style="text-align: center;">see attached</p>
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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"	20#	342'	60/40 common	180	3% cc, 2% gel
Production	7 7/8"	5 1/2"	14#	3318'	Asc	125	2% kcl, 5# gilsonite

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	3251' - 53'	None	

TUBING RECORD:		Size: <u>2 7/8"</u>	Set At: <u>3267'</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10/05/10</u>		Producing Method: <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. <u>35</u>	Gas Mcf	Water Bbls. <u>200</u>	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# ALLIED CEMENTING CO., LLC. 041912

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

RECEIVED  
NOV 02 2010

SERVICE POINT  
Russell

DATE <u>9-6-10</u>	SEC. <u>31</u>	TWP. <u>17</u>	RANGE <u>10</u>	CALLED OUT <u>KCC WICHITA</u>	LOCATION <u>Claflin Ks. 3E</u>	JOB START <u>1:15 AM</u>	JOB FINISH <u>2:10 AM</u>
LEASE <u>Grizzell</u>	WELL # <u>26</u>	LOCATION <u>Claflin Ks. 3E</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>		
OLD OR <u>(NEW)</u> (Circle one)		<u>Van Eints</u>					

CONTRACTOR Southern Drilling #4  
 TYPE OF JOB Production String  
 HOLE SIZE 7 7/8 T.D. 3320  
 CASING SIZE 5 1/2 14# DEPTH 3315.76'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 41.20  
 CEMENT LEFT IN CSG. 41.20  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 79.90 661

EQUIPMENT

PUMP TRUCK CEMENTER Shane  
 # 417 HELPER Heath  
 BULK TRUCK  
 # 410 DRIVER Richard Tws  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
Raw 80jts  
Ret Hole 30skt  
Insert @ 3274.56  
Pump 12661 KCL water  
500 Gal WFR-2  
Mixed 125 skt down 5 1/2 washed  
pump & lines Displaced 79.90 661  
22 KCL water Carded ply @ 1500 ps  
Float Held!

CHARGE TO: Grady Solding Corporation  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Thanks!

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Robert L. Sanders  
 SIGNATURE Robert L. Sanders

OWNER \_\_\_\_\_  
 CEMENT  
 AMOUNT ORDERED 155 ASC 5# Gilbert/sk  
22 GCL  
10 Gal KCL 500 Gal WFR-2

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL <u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE _____	@ _____	_____
ASC <u>155</u>	@ <u>16.70</u>	<u>2588.50</u>
<u>Gilbert 775#</u>	@ <u>1.85</u>	<u>658.75</u>
_____	@ _____	_____
<u>WFR-2 500</u>	@ <u>1.10</u>	<u>550.00</u>
<u>KCL 10 gal</u>	@ <u>30.40</u>	<u>304.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>155</u>	@ <u>2.25</u>	<u>348.75</u>
MILEAGE <u>110/sk/psk</u>	_____	<u>300.00</u>
		TOTAL <u>4810.75</u>

SERVICE

DEPTH OF JOB _____	_____	
PUMP TRUCK CHARGE _____	<u>1957.00</u>	
EXTRA FOOTAGE _____	@ _____	
MILEAGE <u>19</u>	@ <u>7.00</u> <u>133.00</u>	
MANIFOLD _____	@ _____	
_____	@ _____	
_____	@ _____	
		TOTAL <u>2090.00</u>

PLUG & FLOAT EQUIPMENT

<u>AFU - Float Valve</u>	@ _____	<u>214.00</u>
<u>3 Tourbalizer</u>	@ <u>42.00</u>	<u>126.00</u>
<u>Catch down</u>	@ _____	<u>164.00</u>
		TOTAL <u>504.00</u>

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES ~~\_\_\_\_\_~~  
 DISCOUNT ~~\_\_\_\_\_~~ IF PAID IN 30 DAYS \_\_\_\_\_

# ALLIED CEMENTING CO., LLC. 036818

RECEIVED

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

NOV 02 2010 SERVICE POINT:

Great Bend KS

KCC WICHITA

DATE 8-31-10	SEC. 31	TWP. 17S	RANGE 10W	CALLED OUT	ON LOCATION	JOB START 12:00pm	JOB FINISH 12:30 AM
LEASE Grizzell	WELL # 26	LOCATION Clarion 15684 2 East			COUNTY Ellsworth	STATE KS	
OLD OR <u>NEW</u> (Circle one)		1/2 North East into					

CONTRACTOR Southwind Rig 4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 348

CASING SIZE 8 5/8 DEPTH 348

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

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

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

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

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

CEMENT LEFT IN CSG: 15

PERFS \_\_\_\_\_

DISPLACEMENT 21 BBhs Freshwater

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Wayne D

# 181 HELPER Bob R

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

# 344 DRIVER Bill

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

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

OWNER Grady Bolding Co-P

CEMENT

AMOUNT ORDERED 180 SX 60/40 3% "  
2% Gel

COMMON	<u>108</u>	@	<u>13.50</u>	<u>1458.00</u>
POZMIX	<u>72</u>	@	<u>7.55</u>	<u>543.60</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>180</u>	@	<u>2.25</u>	<u>405.00</u>
MILEAGE	<u>180 x 15 x .10</u>		<u>270.00</u>	<u>300.00</u>
				TOTAL <u>3076.35</u>

REMARKS:

Pipe on bottom Break circulation  
with Rig mud  
Shut Down Hook up to cement  
line mix 180 sx 60/40 3% "  
2% Gel Shut Down Release  
plug Displace 21 BBhs fresh  
water shut in washup  
Rig Down

SERVICE

DEPTH OF JOB	<u>348</u>			
PUMP TRUCK CHARGE				<u>990.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>15</u>	@	<u>7.00</u>	<u>105.00</u>
MANIFOLD		@		
		@		
				TOTAL <u>1095.00</u>

CHARGE TO: Grady Bolding Co-P

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

<u>1 wooden plug</u>	@	<u>56.00</u>	<u>56.00</u>
	@		
	@		
	@		
	@		
TOTAL _____			

To Allied Cementing Co., LLC.  
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SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 4227.35

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Robert L Sanders

SIGNATURE [Signature]