

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

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

Operator: License # 7383  
Name: Grady Bolding Corporation  
Address: 114 North Main - P. O. Box 486  
City/State/Zip: Ellinwood, KS. 67526  
Purchaser: Lumen Energy  
Operator Contact Person: Grady Bolding  
Phone: (620) 564-2240  
Contractor: Name: Pickrell Drilling Co., Inc.  
License: 5123  
Wellsite Geologist: Jim 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. \_\_\_\_\_

2-19-01    3-3-01    3-3-01  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date    Recompletion Date

*KCC with /over*

API No. 15 - 009247010000  
County: Barton  
NE - SE - NE - Sec. 20 Twp. 19 S. R. 14  East  West  
3630 feet from (S) N (circle one) Line of Section  
330 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Mauler Well #: 1

Field Name: Heizer SW

Producing Formation: Arbuckle

Elevation: Ground: 1885 Kelly Bushing: 1890

Total Depth: 3606 Plug Back Total Depth: 3604

Amount of Surface Pipe Set and Cemented at 806 Feet

Multiple Stage Cementing Collar Used?  Yes  No

yes, spot depth set 2379 Feet

If Alternate TD completion, cement circulated from 2379

feet depth to surface w/ 165 sx 65/35, 150 sx ASC  
sx cm.

Drilling Fluid Management Plan ALT I WITH 7-8-02  
(Data must be collected from the Reserve Pit)

Chloride content 50,000 ppm Fluid volume 400 bbls

Dewatering method used evaporation

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 Date: 5/29/01

Subscribed and sworn to before me this 29<sup>th</sup> day of May

200!  
Notary Public: Jenny Kasselmann

Date Commission Expires: 7-16-02



**KCC Office Use ONLY**

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

Operator Name: Grady Bolding Corporation Lease Name: Mauler Well #: 1  
 Sec. 20 Twp. 19 S. R. 14  East  West County: Barton

**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  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 Datum  Sample  
 Name Top Datum

See attached

List All E. Logs Run:

Dual Induction  
 Compensated Neutron Density  
 Bond

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	# Sacs Used	Type and Percent Additives
surface	12 1/4"	8 5/8"	24#	806	60/40 poz	400	2% gel, 3% CC
production	7 7/8"	4 1/2"	10.5#	3604	ASC	150	5# Kolseal 1 sx 500 gal ASF

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	2379	65/35 poz	165	6% gel, 1/4# floseal/sx
<input type="checkbox"/> Plug Back TD		ASC	150	
<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
2	3524-3534	none	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8"	3538		

Date of First, Resumerd Production, SWD or Enhr. Shut in awaiting line. Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	none	200 mcf	trace		

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Sumit ACO-18.)* METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 3524-3534  
 Other (Specify) \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

8133

Federal Tax I.D.#

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

ORIGINAL

SERVICE POINT:

Great Bend

DATE <u>2-20-01</u>	SEC. <u>20</u>	TWP. <u>19</u>	RANGE <u>14</u>	CALLED OUT <u>9:00 AM</u>	ON LOCATION <u>9:35 AM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>Mauler</u>		WELL # <u>1</u>	LOCATION <u>10<sup>th</sup> + Patton 4W, 2N, W side</u>		COUNTY <u>Barton</u>	STATE <u>Kansas</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR Picknell  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 810'  
 CASING SIZE 8 5/8 - 24" NEW DEPTH 806'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 31.74  
 CEMENT LEFT IN CSG. 31.74  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 49.3 bbls

OWNER Grady Bolding Corp  
 CEMENT  
 AMOUNT ORDERED 400 dx 60/40 poz  
2% GEL 3% CC

EQUIPMENT  
U.B.  
 PUMP TRUCK CEMENTER J.P. Drisking  
 # 120 HELPER Steve Turley  
 BULK TRUCK  
 # 344 DRIVER Lonnie Marquis  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>240</u>	@	<u>6.35</u>	<u>1524.00</u>
POZMIX	<u>160</u>	@	<u>3.25</u>	<u>520.00</u>
GEL	<u>7</u>	@	<u>9.50</u>	<u>66.50</u>
CHLORIDE	<u>12</u>	@	<u>28.00</u>	<u>336.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>419</u>	@	<u>1.05</u>	<u>439.95</u>
MILEAGE	<u>6</u>			<u>100.56</u>

TOTAL \$ 2987.01

REMARKS:

Safety meeting:  
Ran 8 5/8 casing to bottom, break circulation  
w/ rig pump + circ, shut down hook up to pump take  
+ mixed 400 dx 60/40 2% gel 3% cc, shut down,  
switch valves over + release 8 5/8 rubber plug, displace  
down 8 5/8 casing with 49 bbls fresh h<sub>2</sub>O + bumped  
affle w/ rubber plug. Cement did circulate  
Shut in at manifold.

SERVICE

DEPTH OF JOB	<u><del>806'</del> 806'</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>			<u>470.00</u>
EXTRA FOOTAGE	<u>506'</u>	@	<u>.43</u>	<u>217.58</u>
MILEAGE	<u>6</u>	@	<u>3.00</u>	<u>18.00</u>
PLUG	<u>1-8 5/8-Rubber</u>	@	<u>90.00</u>	<u>90.00</u>
		@		
		@		

TOTAL ~~777.58~~  
795.58

CHARGE TO: Grady Bolding Corp.  
 STREET P.O. Box 486  
 CITY Ellinwood STATE Kansas ZIP 67526

FLOAT EQUIPMENT

<u>1-8 5/8 Baffle plate</u>	@	<u>45.00</u>	<u>45.00</u>
	@		
	@		
	@		
	@		

TOTAL \$ 45.00

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 -0-  
 TOTAL CHARGE \$ 3809.59  
 DISCOUNT \$ 380.95 IF PAID IN 30 DAYS

SIGNATURE X Mike Kern

SIGNATURE X Mike Kern  
 PRINTED NAME

Net # 3428

# ALLIED CEMENTING CO., INC.

8138

Federal Tax I.D.#

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

ORIGINAL SERVICE POINT:

Great Bend

DATE <u>3-4-01</u>	SEC. <u>20</u>	TWP. <u>19</u>	RANGE <u>14</u>	CALLED OUT <u>11:30</u>	ON LOCATION <u>2:45 AM</u>	JOB START <u>5:15 AM</u>	JOB FINISH <u>8:45 AM</u>
LEASE <u>Mauler</u>		WELL # <u>1</u>	LOCATION <u>10<sup>th</sup> &amp; Patton 4W, 2N,</u>			COUNTY <u>Barton</u>	STATE <u>Kansas</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Pickrell  
 TYPE OF JOB Longstring - Bottom  
 HOLE SIZE 7 7/8 T.D. 3608'  
 CASING SIZE 4 1/2 DEPTH 3604'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL Stage collar - DEPTH 2379'  
 PRES. MAX 1300 - \* MINIMUM  
 MEAS. LINE SHOE JOINT x 42.67  
 CEMENT LEFT IN CSG. x 42.67  
 PERFS.  
 DISPLACEMENT x 25 bbl h<sup>2</sup> - 30 bbl mud - 3 bbl h<sup>2</sup>

OWNER Same

CEMENT  
 AMOUNT ORDERED 150px ASC 5\* Kelreal  
per 500 gallon ASF.

EQUIPMENT

PUMP TRUCK CEMENTER J.D. Duffing  
 # 181 HELPER Jim Dickson  
 BULK TRUCK  
 # 342 DRIVER Larry  
 BULK TRUCK  
 # 344 DRIVER Steve - Tracy

COMMON <u>ASC 150</u>	@	<u>8.20</u>	<u>1230.00</u>
POZMIX	@		
GEL	@		
CHLORIDE	@		
<u>Kelreal 750*</u>	@	<u>.38*</u>	<u>285.00</u>
<u>ASF 500 gallon</u>	@	<u>1.00</u>	<u>500.00</u>
	@		
	@		
HANDLING <u>165</u>	@	<u>1.05</u>	<u>173.25</u>
MILEAGE <u>5</u>		<u>MIN</u>	<u>100.00</u>

TOTAL \$2288.25

REMARKS:

Ran 3604' 4 1/2 casing, Circ. w/ Rig pump  
Pumped 500gal ASF, mixed 150px ASC  
5\* Kel real per ax, wash pump & lines out.  
change valves over, release plug & displace  
with 25 bbl h<sup>2</sup> - 30 bbl mud, 3 bbl h<sup>2</sup>  
land plug at 1300'.  
Release pressure & float did hold

SERVICE

DEPTH OF JOB <u>3604</u>			
PUMP TRUCK CHARGE			<u>\$1080.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>5</u>	@	<u>3.00</u>	<u>\$15.00</u>
PLUG	@		
	@		
	@		

TOTAL \$1095.00

CHARGE TO: Gandy Bolding Corp.  
 STREET P.O. Box 486  
 CITY Ellinwood STATE Ka. ZIP 67526

FLOAT EQUIPMENT

<u>1- 4 1/2 Guide shoe</u>	@	<u>125.00</u>	<u>125.00</u>
<u>1- 4 1/2 Smart</u>	@	<u>210.00</u>	<u>210.00</u>
<u>1- 4 1/2 Basket</u>	@	<u>114.00</u>	<u>114.00</u>
<u>8- 4 1/2 Centralizers</u>	@	<u>45.00</u>	<u>340.00</u>
<u>1- 4 1/2 stage collar</u>	@	<u>3000.00</u>	<u>3000.00</u>

TOTAL \$3811.00

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 -0-  
 TOTAL CHARGE \$7194.25  
 DISCOUNT \$719.42 IF PAID IN 30 DAYS

SIGNATURE Gandy Bolding

Gandy Bolding  
 PRINTED NAME

NET - \$6474.<sup>83</sup>

# ALLIED CEMENTING CO., INC.

8139

Federal Tax I.D.#

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

ORIGINAL

SERVICE POINT:

Great Bend

DATE <u>3-4-01</u>	SEC. <u>20</u>	TWP. <u>19</u>	RANGE <u>14</u>	CALLED OUT <input checked="" type="checkbox"/>	ON LOCATION <input checked="" type="checkbox"/>	JOB START <u>9:05 am</u>	JOB FINISH <u>10:00 am</u>
LEASE <u>Mauler</u>		WELL # <u>1</u>	LOCATION <u>10<sup>th</sup> &amp; Patton 4W 2N</u>		COUNTY <u>Barton</u>	STATE <u>Ka</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Pickrell

TYPE OF JOB Two Stage Top

HOLE SIZE 7 7/8 T.D. 3608'

CASING SIZE 4 1/2 DEPTH 3604'

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

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

TOOL Stage collar DEPTH 2379'

PRES. MAX 1400 # MINIMUM \_\_\_\_\_

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

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

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

DISPLACEMENT 37 3/4 bbls

OWNER Same

CEMENT

AMOUNT ORDERED 165 ex 65/35 6% gel

1/4" flo seal per ex, 150 ex ASC

COMMON	<u>165 ex ALW</u>	@	<u>6.00</u>	<u>990.00</u>
POZMITX	<u>150 ex ASC</u>	@	<u>8.20</u>	<u>1230.00</u>
GEL		@		
CHLORIDE		@		
FLO-SEAL	<u>41 #</u>	@	<u>1.40</u>	<u>57.40</u>
		@		
		@		
		@		
		@		
HANDLING	<u>317</u>	@	<u>1.05</u>	<u>332.85</u>
MILEAGE	<u>5</u>			<u>Minimum 100.00</u>

TOTAL \$2710.25

EQUIPMENT

U.B.

PUMP TRUCK CEMENTER Dr. Drilling

# 181 HELPER Jim Dickson

BULK TRUCK

# 222 DRIVER Troy Briand

BULK TRUCK

# 341 DRIVER Steve - Larry

REMARKS:

Drop Dont, CLOSE PIN + Load Closing Plug, wait 15 min, etc.

Open stage collar

Mixed 150 65/35 6% gel 1/4" flo seal per ex

& 150 ex ASC, shut down change valves over,

released closing plug + displaced 37 3/4 bbls

& landed plug at 1400 # to close stage collar

Released psi + held.

Rathole was plugged w/ 150 ex 65/35 6% gel.

1/4" flo seal.

SERVICE

DEPTH OF JOB	<u>2379'</u>			
PUMP TRUCK CHARGE				<u>\$580.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>5</u>	@	<u>3.00</u>	<u>Not charge</u>
PLUG		@		
		@		
		@		

TOTAL \$580.00

CHARGE TO: Grady Bolding Corp.

STREET P.O. Box 486

CITY Ellinwood STATE Ka ZIP 67526

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 -0-

TOTAL CHARGE 3290.25

DISCOUNT \$ 329.02 IF PAID IN 30 DAYS

SIGNATURE Grady Bolding

Grady Bolding  
PRINTED NAME

*Thank you!*

NET - \$2961.23