

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 7383  
Name: Grady Bolding Corporation  
Address: P. O. Box 486  
City/State/Zip: Ellinwood, KS. 67526  
Purchaser: Lumen Energy Corporatio-  
Operator Contact Person: Grady Bolding  
Phone: (316) 564-2240  
Contractor: Name: Express Well Service  
License: 6426  
Wellsite Geologist: N/A

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: Petroleum, Inc.  
Well Name: Zimmer A #1

Original Comp. Date: 11/22/53 Original Total Depth: 3571'

Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 1850' Plug Back Total Depth:  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

11/27/00 11/30/00 12/13/00  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 009-06998-0001  
County: Barton  
SW-NE-NW Sec. 20 Twp. 19 S. R. 14  East  West  
990 feet from S  (circle one) Line of Section  
1650 feet from E  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE  (NW) SW

Lease Name: Zimmer Well #: A-1

Field Name: Heizer

Producing Formation: Herrington-Krider

Elevation: Ground: 1896' Kelly Bushing: N/A

Total Depth: 2447 Plug Back Total Depth: 1850

Amount of Surface Pipe Set and Cemented at 824 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 AKH KJR 1/03/08  
(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: Grady Bolding

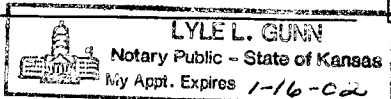
Title: President Date: 3-7-01

Subscribed and sworn to before me this 7th day of March

2001

Notary Public: [Signature]

Date Commission Expires: 1-16-02



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: Zimmer Well #: A-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 <input type="checkbox"/> Yes <input checked="" 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:  Gamma Ray Neutron Sonic Cement Bond	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum          See original drilling
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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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"		824'	Bulk	400	1.5% CC
Production	7 7/8"	4 1/2"	10.5#	2362'	ASC Lite	150 150	
					FloSeal ASF	38# 500 gal	

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
2	2252-2258	500 gal 15% HCL	
	1850	CIBP	
2	1784-1787; 1772-1780; 1760-1768	1000 gal. 15% HCL	

TUBING RECORD	Size 2 3/8"	Set At 1845	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. SI	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf N/A	Water Bbls. 0	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit 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 <input type="checkbox"/> Other (Specify)	Production Interval <u>1784-1787; 1772-1780</u> <u>1760-1768</u>
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# ALLIED CEMENTING CO., INC.

5830

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

ORIGINAL SERVICE POINT: At Bend

DATE <u>11-29-00</u>	SEC. <u>20</u>	TWP. <u>19</u>	RANGE <u>14</u>	CALLED OUT <u>4:00 PM</u>	ON LOCATION <u>7:15 PM</u>	JOB START <u>8:30 PM</u>	JOB FINISH <u>9:30 PM</u>
LEASE <u>Zimmer</u>	WELL # <u>A-1</u>	LOCATION <u>10<sup>th</sup> &amp; Patton Hwy, 2W, 1/2W, S15</u>			COUNTY <u>Barton</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Express Well Service  
 TYPE OF JOB Production  
 HOLE SIZE 7 7/8" T.D. 2447  
 CASING SIZE 4 1/2" DEPTH 2362  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1000# MINIMUM \_\_\_\_\_  
 MEAS. LINE ↘ SHOE JOINT 15'  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 37 1/2 bbls

OWNER Semie  
 CEMENT  
 AMOUNT ORDERED 150 cts 6 1/2 35 6 7/8 40#  
1/4" flange / sh  
150 cts ASC. 500 gal ASF,

EQUIPMENT  
 PUMP TRUCK CEMENTER Timothy  
 # 181 HELPER Bob B  
 BULK TRUCK  
 # 342 DRIVER Lonnie M  
 BULK TRUCK  
 # 341 DRIVER Lloyd W.

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	150 gal	@ 8.20	1230.00
Lite	150 gal	@ 6.00	900.00
Flange	38 #	@ 1.15	43.70
ASF	500 gal	@ 1.00	500.00
HANDLING	300	@ 1.05	315.00
MILEAGE	300	7	100.00

TOTAL 3088.70

REMARKS:

SERVICE

Ran 2362' of 4 1/2" cas. Bore circulation.  
Pumped 500 gal ASF mixed 150 cts 6 1/2 35  
6 7/8 40# 1/4" flange / sh = 150 cts ASC.  
Worked line clean of cement. Disposal  
with fresh H<sub>2</sub>O. banded plug at 1000#.  
Released & float held.

DEPTH OF JOB	<u>2362'</u>		
PUMP TRUCK CHARGE			<u>1,080.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>7</u>	@	<u>300 21.00</u>
PLUG	<u>1-4 1/2" bbls</u>	@	<u>38 38.00</u>

TOTAL 1139.00

CHARGE TO: Grady Bolding Comp.  
 STREET P.O. Box 486  
 CITY ELLINWOOD STATE Ks ZIP 67526

FLOAT EQUIPMENT

1-4 1/2" Spiderhoe	@		<u>125.00</u>
1-4 1/2" Cement	@		<u>210.00</u>
3-4 1/2" Centralizers	@	<u>45.00</u>	<u>135.00</u>
1-4 1/2" Basket	@		<u>116.00</u>

TOTAL 586.00

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			
TOTAL CHARGE	<u>4813.70</u>		
DISCOUNT	<u>481.37</u>	IF PAID IN 30 DAYS	<u>NET 4332.33</u>

SIGNATURE Grady Bolding

Grady Bolding  
 PRINTED NAME