

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 # 33094  
Name: Cimarex Energy, Co.  
Address: RR. 1 Box 83  
City/State/Zip: Satanta, KS 67870  
Purchaser: Duke Energy  
Operator Contact Person: Kent Pendergraft  
Phone: ( 620 ) 276-3693  
Contractor: Name: Cheyenne Drilling, LP  
License: 33375  
Wellsite Geologist: NA

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. \_\_\_\_\_  
12/17/06 12/19/06 02/08/07  
Spud Date or Date Reached TD. Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 071-20853-0000  
County: Greeley  
NE SE NW Sec. 34 Twp. 17 S. R. 40  East  West  
1950' feet from S (N) (circle one) Line of Section  
2300' feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Burgardt Well #: 3  
Field Name: Byerly  
Producing Formation: Towanda  
Elevation: Ground: 3572' Kelly Bushing: 3578'  
Total Depth: 3110' Plug Back Total Depth: 3065'  
Amount of Surface Pipe Set and Cemented at 242' @ 250' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 3105'  
feet depth to surface w/ 625 sx cmt.

Drilling Fluid Management Plan Alt #2 KGR 6/21/07  
(Data must be collected from the Reserve Pit)  
Chloride content est 2000 ppm Fluid volume est 1000 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: Kent Pendergraft  
Title: ASST PROD FOREMAN Date: 4/10/2007  
Subscribed and sworn to before me this 10 day of April  
2007  
Notary Public: Melissa Imler  
Date Commission Expires: 11-17-2010

**MELISSA IMLER**  
Notary Public - State of Kansas  
My Appt. Expires 11-17-2010

**KCC Office Use ONLY**  
N Letter of Confidentiality Received  
If Denied, Yes  Date: RECEIVED  
Wireline Log Received KANSAS CORPORATION COMMISSION  
Geologist Report Received APR 11 2007  
UIC Distribution  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Cimarex Energy, Co. Lease Name: Burgardt Well #: 3  
 Sec. 34 Twp. 17 S. R. 40  East  West County: Greeley

**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:  dual spaced neutron	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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"	23.0#	250'	lite / common	175	3% cc / 2% gel
Production	7 7/8"	4 1/2"	10.5#	3105'	lite / ASC	625	

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	2878' - 2904' Towanda / 2912' - 2926' U Ft. Riley	Acid 2000 gal 15% w/105 ball sealers	2878-2926
		Frac 14,600gal 70Q foam w/ 13,900#	2878-2926
		16-30 sand @10bpm	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	2950	NA		
Date of First, Resumerd Production, SWD or Enhr. 02/08/07			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		201	3			

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

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**APR 11 2007**

# ALLIED CEMENTING CO., INC. 25228

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

well file

SERVICE POINT:  
OAKLEY

DATE <u>12-17-06</u>	SEC. <u>34</u>	TWP. <u>17S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>BURGARDT</u>	WELL # <u>3</u>	LOCATION <u>TRIBUNE 5N-1 1/2 E-5 TN</u>			COUNTY <u>Greeley</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Cheyenne Drll. Rig #11 OWNER SAME

TYPE OF JOB <u>SURFACE</u>	CEMENT AMOUNT ORDERED <u>175 SKS COM 316CC 2166EL</u>
HOLE SIZE <u>12 1/4" T.D. 259'</u>	
CASING SIZE <u>8 5/8" DEPTH 254'</u>	
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	
MEAS. LINE SHOE JOINT	
CEMENT LEFT IN CSG. <u>20'</u>	
PERFS.	
DISPLACEMENT <u>15 BBL.</u>	

COMMON	175 SKS	@	12 <sup>20</sup>	2135 <sup>00</sup>
POZMIX		@		
GEL	3 SKS	@	16 <sup>65</sup>	49 <sup>95</sup>
CHLORIDE	6 SKS	@	46 <sup>60</sup>	279 <sup>60</sup>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	184 SKS	@	1 <sup>90</sup>	349 <sup>60</sup>
MILEAGE	94 PER SKI	MILE		1242 <sup>00</sup>
TOTAL				4056 <sup>15</sup>

**EQUIPMENT**

PUMP TRUCK	CEMENTER	<u>TERRY</u>
# <u>422</u>	HELPER	<u>WAYNE</u>
BULK TRUCK		
# <u>218</u>	DRIVER	<u>ALAN</u>
BULK TRUCK		
#	DRIVER	

Burgardt #3 AFE 216345 Cement surface csq

REMARKS: Drilling Cost  
Cement did circulate

**SERVICE**

DEPTH OF JOB 254'

PUMP TRUCK CHARGE 815<sup>00</sup>

# ALLIED CEMENTING CO., INC. 25231

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

SERVICE POINT: DAKLEY

DATE <u>12-19-06</u>	SEC <u>34</u>	TWP <u>17S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>1:30 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>BURGARDT</u>		WELL # <u>3</u>	LOCATION <u>TRIBUNE 5N-1/2E-S1N</u>		COUNTY <u>GREELEY</u>	STATE <u>KS</u>	

OLD OR (NEW) (Circle one)

CONTRACTOR CHEYENNE DRILL RIG #11 OWNER SAME

TYPE OF JOB PRODUCTION STRING

HOLE SIZE <u>7 7/8"</u>	T.D. <u>3110'</u>
CASING SIZE <u>4 1/2"</u>	DEPTH <u>3109'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>39'</u>
CEMENT LEFT IN CSG.	<u>39'</u>
PERFS.	
DISPLACEMENT	<u>4874 BBLs</u>

CEMENT AMOUNT ORDERED

<u>125 SKS ASC 2% GEL 1/4" FLO-SEAL</u>
<u>500 SKS LIFE 1/2" FLO-SEAL</u>

COMMON	@		
POZMIX	@		
GEL <u>35 SKS</u>	@	<u>16.65</u>	<u>49.25</u>
CHLORIDE	@		
ASC <u>125 SKS</u>	@	<u>14.20</u>	<u>1775.00</u>
	@		
<u>LIFE 500 SKS</u>	@	<u>10.75</u>	<u>5375.00</u>
	@		
<u>FLO-SEAL 281</u>	@	<u>2.00</u>	<u>562.00</u>
	@		
	@		
	@		
HANDLING <u>679 SKS</u>	@	<u>1.90</u>	<u>1290.10</u>
MILEAGE <u>94 PER SK / INT'L</u>			<u>4583.25</u>
			<u>TOTAL 13635.30</u>

**EQUIPMENT**

PUMP TRUCK # <u>422</u>	CEMENTER <u>TERRY</u>
	HELPER <u>WAYNE</u>
BULK TRUCK # <u>399</u>	DRIVER <u>DARRIN</u>
BULK TRUCK # <u>386</u>	DRIVER <u>REX</u>

~~Burgardt~~ Burgardt #3 AFE 216345  
 Completion Cost - Cement production CSG  
 REMARKS:  
MIX 500 SKS LIFE 1/2" FLO-SEAL  
125 SKS ASC 2% GEL 1/4" FLO-SEAL  
WASH TRUCK + LINES. DISPLACE  
4874 BBL. WATER.  
PLUG Landed AT 12:00 AM

**SERVICE**

DEPTH OF JOB	<u>3109'</u>
PUMP TRUCK CHARGE	<u>1610.00</u>