

ORIGINAL

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

Operator: License # 33094  
 Name: Cimarex Energy, Co.  
 Address: RR. 1 Box 83  
 City/State/Zip: Satanta, KS 67870  
 Purchaser: Duke Energy  
 Operator Contact Person: Mick Lovelady  
 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     SIOW     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>11/05/06</u>	<u>11/08/06</u>	<u>12/06/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

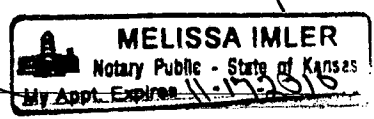
API No. 15 - 081-21685-0000  
 County: Haskell  
SW SW SW Sec. 31 Twp. 29 S. R. 33  East  West  
330 feet from S / N (circle one) Line of Section  
330 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Groth Well #: A 2  
 Field Name: Panoma  
 Producing Formation: Council Grove  
 Elevation: Ground: 2974.9' Kelly Bushing: 2981.4  
 Total Depth: 3145' Plug Back Total Depth: 3119'  
 Amount of Surface Pipe Set and Cemented at 655' @ 665' Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 3145'  
 feet depth to surface w/ 168 sx cmt.

**Drilling Fluid Management Plan** ATINH 630-08  
 (Data must be collected from the Reserve Pit)  
 Chloride content 87000 ppm Fluid volume 360 bbls  
 Dewatering method used picked up w/ vac truck  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: Cimarex Energy Co.  
 Lease Name: Reimer White 1 SWD License No.: 33094  
 Quarter \_\_\_\_\_ Sec. 35 Twp. 28 S. R. 34  East  West  
 County: Haskell Docket No.: D-11701

**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: Mick Lovelady  
 Title: Sr. Production Foreman Date: 2-26-07  
 Subscribed and sworn to before me this 26 day of February,  
2007  
 Notary Public: Melissa Imler  
 Date Commission Expires: 11-17-2010



**KCC Office Use ONLY**

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

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 MAR 01 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Cimarex Energy, Co. Lease Name: Groth Well #: A 2  
 Sec. 31 Twp. 29 S. R. 33  East  West County: Haskell

**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

List All E. Logs Run:

Dual spaced Neutron

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#	665'	lite / common	340	3%cc / 1/4# flocele
production	7 7/8"	4 1/2"	10.5#	3137'	lite / ASC	675	

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	2951' -2984'	Acid 2000 gal 15% w/175 ball sealers	2951-84
		Frac 43000 gals 70q foam w/ 70000#	2951-84
		16-30 sand @30bpm	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2989'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
12/06/06		<input checked="" type="checkbox"/> Flowing <input 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
	0	49	50		

Disposition of Gas  Vented  Sold  Used on Lease  
 (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**MAR 01 2007**  
 CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC. 24564

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

SERVICE POINT

Oakley

DATE <u>1/7/06</u>	SEC. <u>31</u>	TWP. <u>29c</u>	RANGE <u>33w</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START <u>6:00 PM</u>	JOB FINISH <u>7:15 PM</u>
LEASE <u>Depth</u>	WELL # <u>A-2</u>	LOCATION <u>Satanta E/S 2 1/4 N. E/4</u>			COUNTY <u>Haskell</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR Cheyenne #11

TYPE OF JOB Cmt 4 1/2 CSQ Production

HOLE SIZE 7 1/8 I.D. 3145

CASING SIZE 4 1/2 DEPTH 3136.65

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1600 MINIMUM 100

MEAS. LINE SPODE JOINT 19.37

CEMENT LEFT IN CSG. 19.37

PERF'S

DISPLACEMENT 49.56

OWNER Same

CEMENT

AMOUNT ORDERED

<u>550 sks Lite + 4 # Flg Seal 5# Gilsomite</u>		
<u>170 sks ASC + 270 gal 10% salt</u>		
COMMON	@	
PO/MIX	@	
GFJ <u>3 5RS</u>	@	<u>16.65 49.95</u>
CHLORIDE	@	
ASC <u>170 sks</u>	@	<u>14.20 2414.00</u>
<u>Lite weight 550 sks</u>	@	<u>10.75 5912.50</u>
<u>Flg Seal 137 #</u>	@	<u>2.00 274.00</u>
<u>Gilsomite 275 #</u>	@	<u>7.0 1725.00</u>
<u>Salt 180 sks</u>	@	<u>9.60 172.80</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max

# 422 HELPER Wayne

BULK TRUCK

# 399 DRIVER Louise

BULK TRUCK

# 347 DRIVER Kelly

HANDLING <u>800 sk</u>	@	<u>7.90 1525.70</u>
MILEAGE <u>98.5 km</u>	@	<u>3774.85</u>
TOTAL		<u>16,248.90</u>

REMARKS:

Cmt 4 1/2 CSQ with 550 sks Lite + 170 sks ASC - Drop Plug washup Pump Lines Displace 50 BBL Land Plug Float Head Cement did circulate.

SERVICE

DEPTH OF JOB		<u>3136</u>
PUMP TRUCK CHARGE		<u>1610.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>M: 55.00</u>	@	<u>6.00 330.00</u>
MANIFOLD Head Rental	@	<u>100.00</u>

TOTAL 2,040.00

CHARGE TO Cimarex Energy Co

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

<u>1-4 1/2 Rubber Plug</u>	@	<u>55.00</u>
<u>1-4 1/2 Guidastore</u>	@	<u>125.00</u>
<u>1-4 1/2 AFH Insert</u>	@	<u>215.00</u>
<u>15-4 1/2 Centralizers</u>	@	<u>45.00 675.00</u>

TOTAL 1,070.00

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>19,358.00</u>
DISCOUNT <u>- 1,935.88</u>		

SIGNATURE Kent Pendergraft

Kent Pendergraft  
PRINTED NAME  
RECEIVED  
KANSAS CORPORATION COMMISSION  
MAR 01 2007

