

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33094
Name: Cimarex Energy Co.
Address 1: 348 Rd. DD
Address 2: _____
City: Satanta State: KS Zip: 67870 + _____
Contact Person: Kent Pendergraft
Phone: (620) 276-3693 ext. 13

CONTRACTOR: License # 7407
Name: Bronco Energy Service
Wellsite Geologist: NA 7407
Purchaser: DCP Midstream

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SLOW
 Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ 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. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
04/09/2008 04/12/2008 05/15/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 081-21779-0000
Spot Description: _____
_____ SE _____ NW _____ NW Sec. 29 Twp. 28 S. R. 33 East West
1250' Feet from North / South Line of Section
1250' Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Haskell County
Lease Name: Groth "C" Well #: No. 1
Field Name: Panoma
Producing Formation: Chase / Council Grove
Elevation: Ground: 2970' Kelly Bushing: 2958'
Total Depth: 3125' Plug Back Total Depth: 3104'
Amount of Surface Pipe Set and Cemented at: 741' @ 755' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 3125'
feet depth to: surface w/ 675

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Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

ATZ-Dlg-1/30/09

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: Production Foreman Date: 12/12/08
Subscribed and sworn to before me this 12 day of December

2008
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
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

Operator Name: Cimarex Energy Co. Lease Name: Groth "C" Well #: No. 1
 Sec. 29 Twp. 28 S. R. 33 East West County: Haskell County

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: <p style="margin-left: 20px;">Dual spaced Neutron log</p>	<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"	24	755'	lite / common	375	3%cc / 1/4#flocele
Production	7 7/8"	4 1/2"	10.5#	3125'	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				RECEIVED DEC 15 2008 KCC WICHITA

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	Herrington 2638'-2645' / Krider 2662'-2669'	2500 gals 15% HCL w/65 ball sealers	2770-2893
2	Winfield 2704'-2711' / Towanda 2770' - 2777'	2500 gals 15% HCL w/27 ball sealers	2953-2962
2	Ft. Riley 2810'-2820' / Florence 2888'-2893'	Frac 85000 gals 70Q w/ 154,000#	
2	Council Grove 2953' -2962'	16-30 sand @ 50 bpm	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>2986.3'</u> Packer At: <u>NA</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>05/15/2008</u>	Producing Method: <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. <u>100</u> Gas Mcf <u>75</u> Water Bbls. <u>75</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input 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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., INC. 32097

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

SERVICE POINT:
OAKLEY

DATE <u>4-12-08</u>	SEC <u>29</u>	TWP <u>28S</u>	RANGE <u>33 W</u>	CALLED OUT	ON LOCATION <u>9:00 AM</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>GROTH</u>	WELL# <u>C-1</u>		LOCATION <u>Sub/CTE 8N-4 1/2 W-5 SW</u>			COUNTY <u>HASKELL</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFEN DRILL RIG #21

TYPE OF JOB Production STRENB

HOLE SIZE 7 1/8" T.D. 3123'

CASING SIZE 4 1/2" DEPTH 3126'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 19.78'

CEMENT LEFT IN CSG. 19.78'

PERFS. _____

DISPLACEMENT 49 1/2 CBLs

OWNER SAME

CEMENT

AMOUNT ORDERED

125 SKS ASC 5" GELSONITE 2% GEL

575 SKS LITE 1/4" F/O - SEAL

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL <u>2 SKS</u>	@ <u>18.25</u>	<u>37.50</u>
CHLORIDE _____	@ _____	_____
ASC <u>125 SKS</u>	@ <u>16.25</u>	<u>2093.75</u>
<u>LITE 575 SKS</u>	@ <u>12.65</u>	<u>7273.75</u>
_____	@ _____	_____
<u>GELSONITE 6.25"</u>	@ <u>8.80</u>	<u>500.00</u>
_____	@ _____	_____
<u>F/O - SEAL 144"</u>	@ <u>2.25</u>	<u>324.00</u>
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>768 SKS</u>	@ <u>2.15</u>	<u>1651.20</u>
MILEAGE <u>94 PER SK / MILE</u>	_____	<u>3110.00</u>
TOTAL		<u>14990.60</u>

EQUIPMENT

PUMP TRUCK # <u>422</u>	CEMENTER <u>TERRY</u>
	HELPER <u>WAYNE</u>
BULK TRUCK # <u>373</u>	DRIVER <u>DARRIN</u>
BULK TRUCK # <u>394</u>	DRIVER <u>LONNIE</u>

REMARKS:

MIX 15 SKS RAT HOLE MIX 10 SKS
HOLES, MIX 550 SKS LITE 1/4"
F/O - SEAL 125 SKS ASC 5" GELSONITE
2% GEL, WASH TRUCK & LINES,
REPLACE 49 1/2 CBLs WATER
PLUG Landed AT 2100 ASF,
FLOAT Held
CEMENT did circulate
THANK YOU

SERVICE

DEPTH OF JOB <u>3126'</u>	
PUMP TRUCK CHARGE _____	<u>1812.00</u>
EXTRA FOOTAGE _____	@ _____
MILEAGE <u>45 mi</u>	@ <u>7.00</u> <u>315.00</u>
MANIFOLD _____	@ _____
<u>HEAD RENTAL</u>	@ _____ <u>113.00</u>
TOTAL <u>2240.00</u>	

CHARGE TO: CIMAREX ENERGY **RECEIVED**

STREET _____ **DEC 15 2008**

CITY _____ STATE _____ ZIP KCC WICHITA

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.

4 1/2" PLUG & FLOAT EQUIPMENT

<u>1- AFU Float shoe</u>	@ _____	<u>434.00</u>
<u>1- Latch down Plug ASSY</u>	@ _____	<u>405.00</u>
<u>15- CENTRALIZERS,</u>	@ <u>5.10</u>	<u>765.00</u>
_____	@ _____	_____
_____	@ _____	_____
TOTAL		<u>1604.00</u>

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Wade Kuppke

Wade Kuppke
PRINTED NAME

ALLIED CEMENTING CO., LLC. 30345

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

SERVICE POINT:
Liberal KS

DATE <u>4-10-08</u>	SEC <u>29</u>	TWP <u>28S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Groth</u>	WELL# <u>C-1</u>	LOCATION <u>R3+160 Tet-4W, 2N, 1/2W,</u>			COUNTY <u>Flaskell</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			SINO				

CONTRACTOR Murphy Drilling #21
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 755'
 CASING SIZE 3 1/2" 2 1/2" DEPTH 754'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 800psi MINIMUM 300psi
 MEAS. LINE SHOE JOINT 35'
 CEMENT LEFT IN CSG. 37'
 PERFS.
 DISPLACEMENT 46 bbls.

OWNER _____

CEMENT AMOUNT ORDERED 225 sks 65/35/6% Gpl
370 CC 14# Flo-seal
150 sks Class A 370CC

EQUIPMENT
 PUMP TRUCK CEMENTER liberal
 # 472 HELPER Cnbe
 BULK TRUCK DRIVER Lolo
 # 470
 BULK TRUCK DRIVER
 # _____

COMMON 150 sks @ \$14.20 = \$2130.00
 POZMIX @
 GEL 12 sks @ \$18.25 = \$219.00
 CHLORIDE 12 sks @ \$24.50 = \$294.00
 ASC @
 Life 225 sks @ \$13.25 = \$2981.25
 Flo-seal 370 @ \$2.50 = \$925.00

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HANDLING 401 sks @ \$2.15 = \$862.15
 MILEAGE 099 / sks/mi = \$11143.00
 TOTAL \$8419.20

REMARKS:

KCC WICHITA

Break circ.
Mix 225 Life @ 12.5 ppm - 5 bpm
Mix 150 tail @ 14.8 ppm - 4.5 bpm
Drop Plug disc (37')
Plug loaded float held
Side cuts

- Thank you

SERVICE

DEPTH OF JOB 755'
 PUMP TRUCK CHARGE 1st 300' \$917.00
 EXTRA FOOTAGE 455' @ \$80 \$364.00
 MILEAGE 40 mi @ \$7.00 \$280.00
 MANIFOLD Head Rental @ \$113.00

TOTAL \$1674.00

CHARGE TO: Cimarex Energy
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1-3/8" Top Rubber Plug \$113.00
1-3/8" Regular Guide Shoe \$377.00
1-3/8" AFM Insert @ \$377.00
1-3/8" Centralizers @ \$670.00 = \$218.00

TOTAL \$1078.00

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 Kent Pendergraft

SIGNATURE Kent Pendergraft