

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 ext. 13
Contractor: Name: Cheyenne Drilling, LP
License: 33375
Wellsite Geologist: NA

API No. 15 - 071-20854-0000
County: Greeley
Twp. 17 S. R. 40 East West
1320' feet from (S) N (circle one) Line of Section
1320' 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 #: 4
Field Name: Byerly

Producing Formation: Towanda
Elevation: Ground: 3616' Kelly Bushing: 3622'
Total Depth: 3120' Plug Back Total Depth: 3075'
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 3116'
feet depth to surface w/ 645 sx cmt.

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. _____
12/14/06 12/16/06 02/18/07
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan alt. #2 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
KANSAS CORPORATION COMMISSION
Wireline Log Received
Geologist Report Received **APR 11 2007**
UIC Distribution
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Cimarex Energy, Co. Lease Name: Burgardt Well #: 4
 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'	common	175	3% cc / 2% gel
Production	7 7/8"	4 1/2"	10.5#	3116'	lite / ASC	645	

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	Towanda 2920'-2942' / U Ft. Riley 2959'-2973'	Acid 2000 gal 15% w/85 ball sealers	2920'-2973'
		Frac 14,600 gal 70Q foam w/ 11,200#	2920'-2973'
		16-30 sand @12bpm	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>2946'</u>	Packer At <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <u>02/01/07</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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		300	1	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

RECEIVED
KANSAS CORPORATION COMMISSION
APR 11 2007
 CONSERVATION DIVISION

ALLIED CEMENTING CO., INC. 25818

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

SERVICE POINT Oakley

DATE <u>12-14-06</u>	SIC <u>34</u>	TWP. <u>17^s</u>	RANGE <u>40^w</u>	CALLED OUT	ON LOCATION <u>6:15 PM</u>	JOB START <u>7:30 PM</u>	JOB FINISH <u>7:45 PM</u>
LEASE <u>Burgardt</u>	WELL # <u>4</u>	LOCATION <u>Tribune 4N-1E-1/4N-6S</u>		COUNTY <u>Greeley</u>	STATE <u>Kan</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Cherokee Drilling Co #11

TYPE OF JOB Surface

OWNER Same

CEMENT AMOUNT ORDERED 1.75 sks com
3'6cc-2'8cc

HOLE SIZE 12 1/4 T.D. 253'

CASING SIZE 8 5/8 DEPTH 250.75

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 200# MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 134 BBL

EQUIPMENT

COMMON	<u>17.5 sks @</u>	<u>12.00</u>	<u>2,135.00</u>
POZMLX			
GEI	<u>3 sks @</u>	<u>16.00</u>	<u>48.00</u>
CHLORIDE	<u>6 sks @</u>	<u>46.00</u>	<u>276.00</u>
ASC			
HANDLING	<u>184 sks @</u>	<u>1.80</u>	<u>349.60</u>
MILEAGE	<u>9.4 per mile</u>		<u>1,042.00</u>
TOTAL			<u>4,056.15</u>

PUMP TRUCK CEMENTER Walt

400 HELPER Kelly

BULK TRUCK

315 DRIVER Lorrie

BULK TRUCK

DRIVER

REMARKS:

Cement Did Cure

Thank You

CHARGE TO: Cimarex Energy Co.

STREET _____

CITY _____ STATE _____ ZIP _____

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APR 11 2007

PLUG & FLOAT EQUIPMENT

PLUG	<u>8 5/8</u>		
PLUG			
PLUG			
PLUG			
TOTAL			<u>60.00</u>

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.

SIGNATURE: [Signature]

TAX _____

TOTAL CHARGE 5,381.15

DISCOUNT - 538.12 IF PAID IN 30 DAYS

4,843.03

PRINTED NAME

RECEIVED
KANSAS CORPORATION COMMISSION
APR 11 2007
WICHITA, KS

785 672 3452

ALLIED CEMENTING CO., INC. 25227

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

SERVICE POINT:
OAKLEY

DATE <u>12-16-06</u>	SEC. <u>34</u>	TWP. <u>17S</u>	RANGE <u>H0W</u>	CALLED OUT	ON LOCATION <u>10.00 AM</u>	JOB START <u>1.30 PM</u>	JOB FINISH <u>2.30 PM</u>
BURGARDT LEASE		WELL # <u>4</u>	LOCATION <u>TRIBUNE 4N-1E-1/4N-1E 1/4</u>		COUNTY <u>GREELEY</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR CHEYENNE DRAG. REC #11

TYPE OF JOB PRODUCTION STRING

HOLE SIZE 7 7/8" T.D. 3120'

CASING SIZE 4 1/2" DEPTH 3120'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 40.15'

CEMENT LEFT IN CSG. 40.15'

PERFS. _____

DISPLACEMENT 49 BBLs

OWNER SAME

CEMENT

AMOUNT ORDERED 125 SKS ASC 2% GEL

500 SKS LITE 1/2" FLO-SEAL

EQUIPMENT

PUMP TRUCK # 422 CEMENTER TERRY
HELPER WAYNE MAX

BULK TRUCK # 377 DRIVER LONNIE

BULK TRUCK # 399 DRIVER DARRIN

COMMON	@		
POZMIX	@		
GEL	@	<u>3 SKS</u>	<u>16.65</u>
CHLORIDE	@		
ASC	@	<u>125 SKS</u>	<u>17.75</u>
LITE	@	<u>500 SKS</u>	<u>10.35</u>
FLO-SEAL	@	<u>250 #</u>	<u>2.00</u>
HANDLING	@	<u>679 SKS</u>	<u>12.90</u>
MILEAGE	@	<u>94 PER SKI</u>	<u>45.83</u>

REMARKS: Completion Cost

MIX 500 SKS LITE 1/2" FLO-SEAL

125 SKS ASC 2% GEL. WASH TRUCK

& LINES. DISPLACE 49 BBLs WATER.

PLUG LANDED AT 1300 PSI.

FLOAT HELD

LAST RETURNS WITH 19 BBL LEFT

TO DISPLACE. HAD CEMENT STRONGER

IN MUD.

THANK YOU

TOTAL 13,573.30

CHARGE TO: CEMAX ENERGY

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>3120'</u>
PUMP TRUCK CHARGE	<u>1610.00</u>
EXTRA FOOTAGE	@
MILEAGE	@ <u>75 MI</u> @ <u>6.00</u> = <u>450.00</u>
MANIFOLD	@
HEAD RENTAL	@ <u>100.00</u>

TOTAL 2160.00

4 1/2" PLUG & FLOAT EQUIPMENT

1- GUIDE SHOE	<u>11.25</u>
1- AFU Float COLLAR	<u>2.45</u>
15- CENTRALIZERS	@ <u>4.50</u> = <u>67.50</u>
1- RUBBER PLUG	@ <u>5.50</u>

TOTAL 1100.00

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WICHITA, KS

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TAX _____

TOTAL CHARGE 16833.30

DISCOUNT 1683.33 AFTER DISC 15149.97 IF PAID IN 30 DAYS

SIGNATURE Kent Pendergraft

Kent Pendergraft
PRINTED NAME