

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 # 30606
Name: Murfin Drilling Co. Inc.
Wellsite Geologist: NA
Purchaser: DCP Midstream
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SIOW
 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.: 11/05/08
09/22/2008 09/25/2008 11/08/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 081-21836-0000
Spot Description: _____
SW sw NE NE Sec. 34 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: Watkins Well #: No. 1-3
Field Name: Panoma
Producing Formation: Chase / Council Grove
Elevation: Ground: 2962' Kelly Bushing: 2973'
Total Depth: 3090' Plug Back Total Depth: 3064.56'
Amount of Surface Pipe Set and Cemented at: 889' @ 904' 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 AIT I NR 3-11-09
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ 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: Production Foreman Date: 2/23/2009
Subscribed and sworn to before me this 23 day of February
2009
Notary Public: Melissa Imler
Date Commission Expires: 11-17-2010

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

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution
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FEB 26 2009

CONSERVATION DIVISION
WICHITA KS

Operator Name: Cimarex Energy Co. Lease Name: Watkins Well #: No. 1-3
 Sec. 34 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: Dual spaced Neutron log	<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#	904'	lite / common	385	2%cc-1/4# cellflake
production	7 7/8"	4 1/2"	10.5#	3085'	A-con/AA2	375	

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	Herrington 2638' - 2648' / Krider 2684' - 2694'	Acid 2500 gal 15% HCL w/90 ball sealers	2770-2947
2	Winfield 2712' - 2722' / Towanda 2770' - 2776'	Acid 1500 gal 15% HCL w/90 ball sealers	2638-2722
2	Ft. Riley 2808' - 2817' / Florence 2890' - 2893'	Frac 85600 gals 70Q w/ 154,000#	
2	Council Grove 2938' - 2947'	16-30 sand @ 50bpm	2770-2947

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>2919.56'</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>11/04/2008</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. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
	174 94

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 checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>2638'-2947'</u>
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BASIC

energy services, L.P.

File

TREATMENT REPORT

Customer <i>Cimerer</i>	Lease No.	Date <i>9-23-02</i>
Lease <i>Watkins</i>	Well # <i>1-3</i>	
Field Order # <i>18042</i>	Station <i>1975</i>	Casing <i>8 7/8" 24</i>
Type Job <i>CNW Surface</i>	Formation	Depth <i>404.20</i>
		County <i>Haskell</i>
		State <i>KS</i>
		Legal Description <i>34-28-33</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>8 7/8"</i>	Tubing Size	Shots/Ft		Acid <i>285 sk A-Serve L.Tc.</i>	RATE	PRESS	ISIP # <i>1/4 # Cellflake</i>
Depth <i>404.2</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <i>54</i>	Volume	From	To	Pad <i>100 sk Prem. in/corner</i>	Min	<i>2900 CC</i>	<i>10 Min. # Cellflake</i>
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <i>Ken Pendergraft</i>	Station Manager <i>Jerry Bennett</i>	Treater <i>Jason Armitage</i>
Service Units <i>21755</i>	<i>11825</i>	<i>19919</i>
<i>19804</i>	<i>19809</i>	<i>19354</i>
<i>14287</i>		
Driver Names <i>J. Armitage</i>	<i>Nalmer</i>	<i>Shover</i>
		<i>Ruben Martinez</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30					On Loc. Start Casings
9:35					Safety Meeting
9:40					Ris up
11:00					Break Circ.
11:30	<i>1500</i>		<i>5</i>		Tort lines
11:35			<i>5</i>	<i>3</i>	water Ahead
11:39			<i>109</i>		Start Cement
12:15			<i>23</i>		Start Tail
12:24	<i>400</i>		<i>54</i>		Start Disp.
12:41					Shut down Pump
12:43					Shut in well
12:45					Ris down
1:00					Leave Loc.

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Customer <i>Cimmar</i>	Lease No.	Date <i>9-25-8</i>
Lease <i>Watkins</i>	Well # <i>1-3</i>	
Field Order # <i>20416</i>	Station <i>Liberal</i>	Casing <i>1 1/2</i>
Type Job <i>Long String</i>	Formation	Depth
		County <i>Haskell</i>
		State <i>KS</i>
		Legal Description <i>31-28-33</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>1 1/2</i>	Tubing Size	Shots/Ft		Acid <i>175 A Con Blend</i>	RATE	PRESS	ISIP
Depth <i>3004 1/2</i>	Depth	From	To	Pre-Pad <i>200 50 AA</i>	Max		5 Min
Volume <i>19 1/2</i>	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <i>Kent</i>	Station Manager <i>Jerry Bennett</i>	Treater <i>Edward Clark</i>
Service Units <i>19891 19878 19919 19928 19692</i>		
Driver Names <i>Clark Nat 5 Rubin R.</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7000					Arrived on location
7030					Safety Meeting - Rig Up
1137	2000		.5	.5	Pressure Test
1138	370		5	4.0	Pump H ₂ O Spacer
1140	365		6	4.0	Pump Spacer Flush II
1143	360		5	4.0	Pump H ₂ O Spacer
1145	340		95.4	4.5	Pump Lead out @ 11.4 H's
1210	300		51.3	4.0	Pump Tail out @ 15.6 H's
1225	0		0	0	Wash Up - Drop Plug
1230	750		4.4	5.8	Display
1245	1300		.5	.5	hard Plug - Floods H ₂ O
130					Job Complete

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