

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: Oneok

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.: _____

04/21/2008 04/24/2008 05/23/2008

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 081-21782-0000

Spot Description: _____

_____ SW _____ NE _____ NE Sec. 10 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: Batman Well #: No. 1-3

Field Name: Panoma

Producing Formation: Chase

Elevation: Ground: 2978' Kelly Bushing: 2989'

Total Depth: 3107' Plug Back Total Depth: 3077'

Amount of Surface Pipe Set and Cemented at: 697' @ 710' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 3098'

feet depth to: surface w/ 700 sx cmt.

Drilling Fluid Management Plan Air II NCR 3-10-09
(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.: _____

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: 12/16/08

Subscribed and sworn to before me this 16 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
Jan 11. 12/30

Operator Name: Cimarex Energy Co. Lease Name: Batman Well #: No. 1-3
 Sec. 10 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 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

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CONSERVATION DIVISION
 WICHITA, KS

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#	710'	lite / common	375	3%cc / 1/4#flosele
production	7 7/8"	4 1/2"	10.5#	3098'	lite / ASC	700	

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 2694' - 2698'	2000 gals 15% HCL w/90 ball sealers	2694-2868
2	Krider 2719' - 2723'	Frac 85000 gals 70Q w/ 154,000#	
2	Winfield 2759' - 2766'	16-30 sand @ 50bpm	2694-2868
2	Towanda 2818' - 2826'		
2	Fort Riley 2860' - 2868'		

TUBING RECORD: Size: 2 3/8" Set At: 2885.95' Packer At: NA Liner Run: Yes No

Date of First, Resumed Production, SWD or Enhr. 05/23/2008 Producing Method: Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		112	52		

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	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.

26855

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

SERVICE POINT:
Liberal, KS

DATE <u>4-22-08</u>	SEC <u>16</u>	TWP. <u>28S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30 PM</u>	JOB FINISH <u>4:36 PM</u>
LEASE <u>Batman</u>	WELL # <u>1-3</u>	LOCATION <u>83+160 Jct- 4N, 2W, 2U</u>			COUNTY <u>Haskell</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>W into</u>				

CONTRACTOR Martin Drilling #21

TYPE OF JOB 8 7/8 Surface

HOLE SIZE 12 1/4 T.D. 710'

CASING SIZE 8 7/8 2# DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 900 psi MINIMUM 200 psi

MEAS. LINE SHOE JOINT 42.23

CEMENT LEFT IN CSG. 42.23

PERFS.

DISPLACEMENT 43 bds.

OWNER

CEMENT

AMOUNT ORDERED 225 sks 65/35/6% Gel

3% CC 1/4" Flo-seal

150 sks Class A, 3% CC

COMMON	<u>150 sks @ \$14.22</u>	<u>\$2130.00</u>
POZMIX	@	
GEL	@	
CHLORIDE	<u>13 sks @ \$52.45</u>	<u>\$681.85</u>
ASC	@	
<u>Life</u>	<u>225 sks @ \$13.35</u>	<u>\$3003.75</u>
<u>Flo-seal</u>	<u>56 lb. @ \$2.25</u>	<u>\$126.00</u>
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>402 sks @ \$2.15</u>	<u>\$864.30</u>
MILEAGE	<u>.094 sks/mi</u>	<u>\$1628.10</u>
TOTAL		<u>\$8434.00</u>

EQUIPMENT

PUMP TRUCK # 472 CEMENTER Abel HELPER Gabe

BULK TRUCK # 458 DRIVER Tony

BULK TRUCK # DRIVER

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REMARKS:

Break circ.

Mix 225 sks Life @ 12.5

Mix 150 sks tail @ 14.8

Drop plug disp. csg.

Float held, land plug

Circ. cut to surface

Thank you

SERVICE

DEPTH OF JOB	<u>710'</u>	
PUMP TRUCK CHARGE	<u>1st 300'</u>	<u>\$917.00</u>
EXTRA FOOTAGE	<u>410'</u>	<u>\$378.00</u>
MILEAGE	<u>45 mi</u>	<u>\$7.00</u>
MANIFOLD	<u>Head Rental</u>	<u>\$113.00</u>
	@	
	@	
TOTAL		<u>\$1673.00</u>

CHARGE TO: Cimarex Energy

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

<u>1-8 7/8 Top Rubber Plug</u>	<u>\$113.00</u>
<u>1-8 7/8 Regular Guide Shoe</u>	<u>\$315.00</u>
<u>1-8 7/8 APU Insert</u>	<u>\$37.00</u>
<u>4-8 7/8 Centralizers</u>	<u>\$62.00</u>
	@
	@
TOTAL	<u>\$1053.00</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.

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Kent Parberg

PRINTED NAME

ALLIED CEMENTING CO., LLC. 30363

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

SERVICE POINT: L. BERAL ✓

DATE <u>4/24/08</u>	SEC. <u>10</u>	TWP. <u>28</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>BATMAN</u>	WELL# <u>1-3</u>	LOCATION <u>SUBTLE 1/4 N 2W</u>			COUNTY <u>HASKELL</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>on BT 1/4 N Winto</u>			

CONTRACTOR MURFIN #21
 TYPE OF JOB 1/2 PROD STRING
 HOLE SIZE 7 1/4 T.D. 3107'
 CASING SIZE 4 1/2 DEPTH 3087'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 19.85
 CEMENT LEFT IN CSG. 19.85
 PERFS. _____
 DISPLACEMENT 48.76

OWNER SAME
 CEMENT AMOUNT ORDERED 575 60/10/89
1 1/4" # FLOSER
125 ASC 20' 6" 5# CEMENT
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____

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EQUIPMENT
 PUMP TRUCK CEMENTER Bob
 # 417 HELPER Dan
 BULK TRUCK # 458 DRIVER MANN
 BULK TRUCK # 456 DRIVER LALC

575 LITE @ 12.65 7273.25
ASC 125 SK @ 16.75 2093.75
CULSANT 62 SLB @ .80 500.00
FLOSER 4441B @ 2.15 946.75
 HANDLING 774 @ 2.15 1664.10
 MILEAGE 1095 mi 3134.70
 TOTAL 14970.30

REMARKS:

Mix 15SK 1/4" Hole
Mix 10 SK mouse Hole
Mix LITE cut
Mix ASC cut 125 SK
Wash Pumping 4 1/2"
Days Plug + Prep Casing
Large Plug + Float 4 1/2"
Thank you

SERVICE

DEPTH OF JOB 3087'
 PUMP TRUCK CHARGE 1812.00
 EXTRA FOOTAGE @ _____
 MILEAGE 45 mi @ 7.00 315.00
 MANIFOLD + HEAD @ 113 113.00
 @ _____
 @ _____

TOTAL 2240

CHARGE TO: CIMEREX
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1/2" FLOAT SHOE 434.00
LATCH DOWN PLUG @ 405.00
15 CENTRALIZERS @ 51 765.00
 @ _____
 @ _____
 @ _____

TOTAL _____

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

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS