

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.: _____
04/25/2008 04/27/2008 05/23/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 081-21784-0000
Spot Description: _____
NW NW SE SW Sec. 17 Twp. 28 S. R. 33 East West
1250' Feet from North / South Line of Section
1420' Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Haskell County
Lease Name: Converse Well #: No. 1-3
Field Name: Panoma
Producing Formation: Chase / Council Grove
Elevation: Ground: 2979' Kelly Bushing: 2990'
Total Depth: 3100' Plug Back Total Depth: 3069.67'
Amount of Surface Pipe Set and Cemented at: 684' @ 697' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 3089'
feet depth to: surface w/ 675 sx cmt.

Drilling Fluid Management Plan AH II NR 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: Cimarex Energy Co.
Lease Name: Reimer White SWD License No.: 33094
Quarter _____ Sec. 35 Twp. 28 S. R. 34 East West
County: Haskell County 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: Kent Pendergraft
Title: Production Foreman Date: 12/18/08
Subscribed and sworn to before me this 18 day of December
20 08
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
RECEIVED
KANSAS CORPORATION COMMISSION
DEC 23 2008
John H. 12/30

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Cimarex Energy Co. Lease Name: Converse Well #: No. 1-3
 Sec. 17 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)

List All E. Logs Run:

Dual spaced Neutron log

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" | 24.0# | 697' | lite / common | 375 | 3%cc / 1/4#flosele |
| production | 7 7/8" | 4 1/2" | 10.5# | 3089' | 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 |
|----------------|---|---|-----------|
| 2 | Herrington 2652' - 2659' / Krider 2679' - 2686' | Acid 2500 gal 15% HCL w/27 ball sealers | 2964-2973 |
| 2 | Winfield 2718' - 2725' / Towanda 2782' - 2789' | Acid 2500 gal 15% HCL w/65 ball sealers | 2782-2912 |
| 2 | Ft. Riley 2824' - 2834' / Florence 2907' - 2912' | Acid 2500 gal 15% HCLw/65 ball sealers | 2652-2725 |
| 2 | Council Grove 2964' - 2973' | Frac 85000 gals 70Q w/ 154,000# | |
| | | 16-30 sand @ 50bpm | 2782-2973 |

| | | | | |
|----------------|--------------|---------------|---------------|--|
| TUBING RECORD: | Size: 2 3/8" | Set At: 3006' | Packer At: NA | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|----------------|--------------|---------------|---------------|--|

| | |
|---|--|
| Date of First, Resumed Production, SWD or Enhr. 05/23/2008 | 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 |
| | | 140 | 60 | | |

| | | |
|---|---|--|
| 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: _____ _____ |
|---|---|--|

ALLIED CEMENTING CO., LLC. 31931

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

SERVICE POINT:
Oakley

| | | | | | | | |
|---------------------------|-------------------|------------------------------------|------------------|------------|-----------------------|--------------------------|---------------------------|
| DATE <u>4-25-08</u> | SEC <u>17</u> | TWP <u>28s</u> | RANGE <u>33W</u> | CALLED OUT | ON LOCATION | JOB START <u>2:30 AM</u> | JOB FINISH <u>3:00 AM</u> |
| LEASE <u>Converse</u> | WELL # <u>1-3</u> | LOCATION <u>Sublette 8N 5W N10</u> | | | COUNTY <u>Haskell</u> | STATE <u>KS</u> | |
| OLD OR (NEW) (Circle one) | | | | | | | |

CONTRACTOR Murfin Drilling Rig 21 OWNER Same

| | |
|--|---|
| TYPE OF JOB <u>Surface</u> | CEMENT |
| HOLE SIZE <u>12 1/4</u> T.D. <u>700'</u> | AMOUNT ORDERED <u>225 sks Lite 3/8 cc</u> |
| CASING SIZE <u>8 7/8</u> DEPTH <u>692'</u> | <u>1/4" FLO-seal 150 sks com</u> |
| TUBING SIZE DEPTH | <u>3/8 cc</u> |
| DRILL PIPE DEPTH | |
| TOOL DEPTH | |
| PRES. MAX MINIMUM | COMMON <u>150 sks @ 14.20 2130.00</u> |
| MEAS. LINE SHOE JOINT <u>40.25'</u> | POZMIX @ |
| CEMENT LEFT IN CSG. <u>40.25</u> | GEL @ |
| PERFS. | CHLORIDE <u>12 sks @ 52.45 629.40</u> |
| DISPLACEMENT <u>41.83</u> | ASC @ |

EQUIPMENT

PUMP TRUCK # 423-281 CEMENTER Andrew
HELPER Alvin

BULK TRUCK # 218 DRIVER Darrin

BULK TRUCK # 394 DRIVER Lonnie

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WICHITA, KS

| | |
|---------------------------------------|--|
| <u>Lite 225 sks @ 13.35 3003.75</u> | |
| <u>FLO-seal 56# @ 2.25 126.00</u> | |
| <u>HANDLING 401 sks @ 2.15 862.15</u> | |
| <u>MILEAGE 94 sk/mile 11624.05</u> | |
| TOTAL 8325.35 | |

REMARKS:

Mix 225 sks Lite followed by 150 sks com 3/8 cc. Displace plug 400# lift land at 700# plug landed float held cement did circulate

Thank you

SERVICE

| | |
|--|---------------|
| DEPTH OF JOB <u>692'</u> | |
| PUMP TRUCK CHARGE | <u>912.00</u> |
| EXTRA FOOTAGE <u>350'</u> @ <u>.80</u> | <u>280.00</u> |
| MILEAGE <u>45 miles</u> @ <u>7.00</u> | <u>315.00</u> |
| MANIFOLD @ | |
| @ | |
| @ | |
| TOTAL 1512.00 | |

CHARGE TO: Cimrex

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 7/8

| | |
|--------------------------------------|--|
| <u>1 Rubber plug @ 113.00</u> | |
| <u>1 Texas pattern 64# @ 315.00</u> | |
| <u>1 Afu Insert @ 37.00</u> | |
| <u>4 centralizers @ 62.00 248.00</u> | |
| @ | |
| TOTAL 1053.00 | |

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

ALLIED CEMENTING CO., INC.

26858

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

SERVICE POINT:
Liberal, KS

| | | | | | | | |
|----------------------|-------------------|---|------------------|--------------------------|--------------------|----------------------|-----------------------|
| DATE <u>4-28-08</u> | SEC <u>17</u> | TWP <u>23S</u> | RANGE <u>33W</u> | CALLED OUT | ON LOCATION | JOB START 7:00 AM | JOB FINISH 2:00 PM |
| LEASE <u>Cimarex</u> | WELL # <u>1-3</u> | LOCATION <u>S, bldg, KS-9NSW, 11 info</u> | | COUNTY <u>Maskell</u> | STATE <u>KS</u> | | |

CONTRACTOR Murkin Drilling #21
 TYPE OF JOB 4 1/2 Production
 HOLE SIZE 7 7/8 T.D. 3100'
 CASING SIZE 4 1/2 105" DEPTH 3079.12
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 2000 psi MINIMUM 3000psi
 MEAS. LINE SHOE JOINT 19.95'
 CEMENT LEFT IN CSG. 19.95'
 PERFS.
 DISPLACEMENT 4.9 bbls

OWNER _____
 CEMENT
 AMOUNT ORDERED 575 (5/25/6% Col
2% CC VU# Flo Seal
125 NSC 2% Col, 5" (4) smile
 COMMON @ _____
 POZMIX @ _____
 GEL 25sk @ \$18.25 \$ 375.00
 CHLORIDE 14sk @ \$2.25 \$ 31.50
 ASC 125sk @ \$16.25 \$ 2031.25
 Light weight 575sk @ \$13.25 \$ 7631.25
 Flo Seal 114/16 @ \$7.25 \$ 827.00
 Catalyst 625 @ \$6.40 \$ 4000.00
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 CONSERVATION DIVISION
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 DEC 23 2008
 HANDLING 740 sks @ \$2.15 \$ 1591.00
 MILEAGE 0.90 / sks / mi \$ 797.00
 TOTAL \$ 16210.00

EQUIPMENT
 PUMP TRUCK CEMENTER Abel
 # 472 HELPER Rube
 BULK TRUCK
 # 470 DRIVER Kenny
 BULK TRUCK
 # 171 DRIVER Tomy

REMARKS:
Break Circ,
Mix 25 sks Rata Mouse hole
Mix 550 sks life @ 125
M & 125 sks NSC
Drop Plug JSP cse
Light Plug float hole
Plug drill to surface
- Thank you

SERVICE
 DEPTH OF JOB 3100'
 PUMP TRUCK CHARGE _____ \$ 1717.00
 EXTRA FOOTAGE @ _____
 MILEAGE 45 mi @ \$7.00 \$ 315.00
 MANIFOLD Hand Rental @ \$113.00 \$ 113.00
 @ _____
 @ _____

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

TOTAL \$ 2240.00

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.

SIGNATURE Kent Paetzgraff

PLUG & FLOAT EQUIPMENT
1-4 1/2 Catch Down Plug - \$ 405.00
1-4 1/2 float Plug @ \$434.00
1-4 1/2 Bullhead Plug @ \$45.00
15-4 1/2 Centralizers @ \$11.00 \$ 176.50
 @ _____
 @ _____
 TOTAL \$ 1649.00

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Kent Paetzgraff