KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1073154

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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: Melissa Imler
Phone: (620) 276-3693
CONTRACTOR: License # 30921
Name: Medina Well Service, Inc.
Wellsite Geologist: NA
Purchaser: NCRA

Designate Type of Completion:

☐ New Well ☐ Re-Entry ☑ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator: Helmerich & Payne, Inc.
Well Name: Dewell "A" No. 1
Original Comp. Date: 03/10/1992 Original Total Depth: 5690

☐ Deepening ☑ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Conv. to GSW
☐ Plug Back: Plug Back Total Depth
☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

09/27/2011 (Spud Date or Recompletion Date)
(Date Reached TD)
10/04/2011 (Completion Date or Recompletion Date)

API No. 15 - 15-081-20712-00-02
Spot Description:
NE - SW - SE - NE Sec. 29 Twp. 29 S. R. 33 ☐ East ☑ West
2040 Feet from ☑ North / ☐ South Line of Section
720 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
County: Haskell
Lease Name: DEWELL A Well #: 1
Field Name: Lemon North
Producing Formation: Marmaton C Lenapah, Morrow
Elevation: Ground: 2966 Kelly Bushing: 2973
Total Depth: 5690 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1857 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 3102 Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

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 #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

☐ Letter of Confidentiality Received
Date:
☐ Confidential Release Date:
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution
ALT ☐ I ☑ II ☐ III Approved by: Deanna Garrison Date: 02/06/2012

Side Two

1073154

Operator Name: Cimarex Energy Co. Lease Name: DEWELL A Well #: 1

Sec. 29 Twp. 29 S. R. 33 ☐ East ☑ West County: Haskell

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 complete copy of all Electric Wire-line 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
Electric Log Submitted Electronically ☐ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	4087	-1121
Lansing "A"	4117	-1151
KC "A"	4634	-1668
Marmaton	4772	-1806
Morrow	5253	-2287
St. Louis	5673	-2707

CASING RECORD ☐ New ☐ 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

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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
Attached	Attached	Attached	Attached

TUBING RECORD: Size: 2 3/8" Set At: 5458.5 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 10/07/2011

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10	0	23		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☑ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
4805-5422

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Cimarex Energy Co.
Well Name	DEWELL A 1
Doc ID	1073154

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5412'-5422' Morrow 10'	Acid 88 Bbls 7 1/2% HCL	5302'-5422'
4	5390'-5396' Morrow 6'	Acid 36 Bbls 15% HCL	4805'-4820'
4	5360'-5364' Morrow 4'		
4	5427'-5334' 7'		
4	5302'-5311' Morrow 9'		
4	4813'-4820' Marmaton 7'		
4	4805'-4813' Marmaton 8'		