



KANSAS CORPORATION COMMISSION 1073154
OIL & GAS CONSERVATION DIVISION

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 10/04/2011
Spud Date or Date Reached TD 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 Gantsox Date: 02/06/2012



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 <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Heebner | 4087 | -1121 |
| Electric Log Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Lansing "A" | 4117 | -1151 |
| Electric Log Submitted Electronically <i>(If no, Submit Copy)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | KC "A" | 4634 | -1668 |
| List All E. Logs Run: | | Marmaton | 4772 | -1806 |
| | | Morrow | 5253 | -2287 |
| | | St. Louis | 5673 | -2707 |

| 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| 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 <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|----------|
| Attached | Attached | Attached | Attached |
| | | | |
| | | | |
| | | | |

| | | | | |
|--|---|-----------------------|---------------------------|--|
| TUBING RECORD: | Size: <u>2 3/8"</u> | Set At: <u>5458.5</u> | Packer At: | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. <u>10/07/2011</u> | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ | | | |
| Estimated Production Per 24 Hours | Oil Bbbls. <u>10</u> | Gas Mcf <u>0</u> | Water Bbbls. <u>23</u> | Gas-Oil Ratio |

| | | |
|--|--|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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 type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: <u>4805-5422</u> |
|--|--|--|

| | |
|-----------|------------------------|
| 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' | | |