

**ORIGINAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**

**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 32912  
Name: Carroll Energy  
Address: 200 Arco Place - Suite 230 - Box 149  
City/State/Zip: Independence, KS 67301  
Purchaser: Carroll Energy, LLC  
Operator Contact Person: Tim Carroll  
Phone: (620) 332-1600  
Contractor: Name: L & S Well Service  
License: 33374

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:

New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

1/11/2008    1/15/2008    1/16/2008  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-205-27363-0000

County: WILSON

SW SE. NE Sec. 21 Twp. 29S. R. 15E  East  West

2310 feet from S /  (circle one) Line of Section

990 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one)  NE    SE    NW    SW

Lease Name: BOYER Well #: 21-D2

Field Name: FREDONIA

Producing Formation: Cherokee Coals

Elevation: Ground: 975 Kelly Bushing: \_\_\_\_\_

Total Depth: 1277 Plug Back Total Depth: 1267

Amount of Surface Pipe Set and Cemented at 22.5 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** D6 6-20-08  
(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: [Signature]

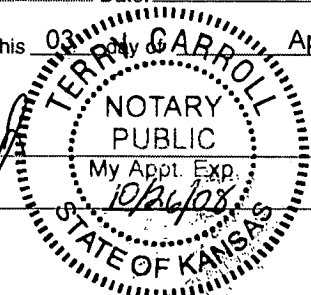
Title: Vice Operating Manager Date: 4/3/2008

Subscribed and sworn to before me this 03 day of April

20\_08

Notary Public: [Signature]

Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**APR 04 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Carroll Energy, LLC Lease Name: BOYER Well #: 21-D2

Sec. 21 Twp. 29S S. R. 15E  East  West County: WILSON

**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:  
 Density Nuetron, Dual Induction, Diff  
 Temperature

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See Attached

| 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   | 11"               | 8.625                     | 32               | 22.5          | Portland       | 6            |                            |
| Production  | 6 3/4"            | 4 1/2                     | 10.5             | 1267          | OWC            | 186          |                            |

| 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4              | 891 - 894   | 300 Gal Acid, 422 BBL S H2O, 100 SX 12/20   |       |
| 4              | 877 - 879   | 300 Gal Acid, 422 BBL S H2O, 100 SX 12/20   |       |

| TUBING RECORD                                    |           | Size  | Set At      | Packer At     | Liner Run  |
|--|-----------|---|-------------|---------------|--|
|  |           | 2.375   | 945         |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. |           | Producing Method  |             |               |  |
|  |           | <input type="checkbox"/> Flowing <input checked="" 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  |
|  |           | N/A   | N/A         |               |  |

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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 WICHITA, KS

L S Well Service, LLC #33374  
 543-A 22000 Rd.  
 Cherryvale, KS 67335  
 620-328-4433

DRILLER LOG

CARROLL ENERGY, L.L.C.

Boyer #21-D2  
 S21, T29S, R15E  
 Wilson County, Kansas  
 APE# 15-205-27363-0000

|         |                    |           |                   |  |
|---------|--------------------|-----------|-------------------|--|
| 0-2     | Dirt               | 898-906   | Sandy Shale       | <b>01/11/08 Drilled 11" hole and set 22.5' of 8 5/8" surface casing with 6 sacks Portland Cement</b> |
| 2-90    | Lime               | 906-966   | Shale             |  |
| 90-225  | Shale              | 966-967   | Coal              |  |
| 225-235 | Lime               | 967-1025  | Shale             | <b>01/14/08 Started drilling 6 3/4" hole</b>   |
| 235-240 | Black Shale        | 1025-1026 | Coal              |  |
| 240-245 | Shale              | 1026-1040 | Shale             | <b>01/15/08 Finished drilling to T.D. 1277'</b>  |
| 245-275 | Sand               | 1040-1041 | Coal              |  |
| 275-288 | Sandy Shale        | 1041-1071 | Shale             |  |
| 288-301 | Sand               | 1071-1072 | Coal              | Did we dig pit? Yes  |
| 301-310 | Sandy Shale        | 1072-1097 | Shale             | Did we kill well? No   |
| 310-326 | Shale              | 1097-1103 | Sandy Shale       | Did we load hole with water? Yes   |
| 326-332 | Lime               | 1103-1113 | Sand              |  |
| 332-360 | Shale              | 1113-1120 | Sandy Shale       |  |
| 360-445 | Lime KC            | 1120-1152 | Shale             |  |
| 445-450 | Shale              | 1152-1277 | Lime Mississippi  | 255' 0   |
| 450-475 | Sand               |           |                   | 345' Slight Blow   |
| 475-483 | Sandy Shale        |           | <b>T.D. 1277'</b> | 465' Slight Blow   |
| 483-503 | Sand               |           |                   | 616' 1" on 1/2" Orifice  |
| 503-525 | Lime               |           |                   | 826' 2" on 1/2" Orifice  |
| 525-554 | Shale              |           |                   | 886' 6" on 1/2" Orifice  |
| 554-588 | Lime               |           |                   | 916' 7" on 1/2" Orifice  |
| 588-592 | Black Shale        |           |                   | 946' 7" on 1/2" Orifice  |
| 592-631 | Shale              |           |                   | 976' 5" on 1/2" Orifice  |
| 631-640 | Lime               |           |                   | 1006' 4" on 1/2" Orifice   |
| 640-671 | Shale              |           |                   | 1067' 5" on 1/2" Orifice   |
| 671-673 | Lime Oil Trace     |           |                   | 1097' 4 1/2" on 1/2" Orifice   |
| 673-688 | Lime               |           |                   | 1127' 8" on 3/4" Orifice   |
| 688-790 | Shale              |           |                   | 1152' 5" on 3/4" Orifice   |
| 790-802 | Sand               |           |                   | 1157' 4" on 3/4" Orifice   |
| 802-803 | Coal               |           |                   | 1277' 4" on 3/4" Orifice   |
| 803-821 | Lime               |           |                   |  |
| 821-824 | Black Shale        |           |                   |  |
| 824-831 | Shale              |           |                   |  |
| 831-832 | Coal               |           |                   |  |
| 832-854 | Shale              |           |                   |  |
| 854-876 | Lime Oswego        |           |                   |  |
| 876-881 | Black Shale Summit |           |                   |  |
| 881-891 | Lime               |           |                   |  |
| 891-893 | Black Shale        |           |                   |  |
| 893-898 | Lime               |           |                   |  |

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CONSERVATION DIVISION  
 WICHITA, KS

JAN 20 REC'D

# KWS, LLC

19245 Ford Road  
Chanute, KS 66720  
(620) 431-9212  
Mobile (620) 431-8945

Carroll Energy, LLC  
200 Arco Place  
Suite 230 - Box 149  
Independence, KS 67301

| Date      | Invoice |
|-----------|---------|
| 1/17/2008 | 338     |

Date: 1-16-08  
Well Name: Boyer 21-D2  
Section: 21  
Township: 29  
Range: 15  
County: Wilson  
API: 205-27363-0000  
PC#

## CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing  
HOLE SIZE: 6 3/4  
TOTAL DEPT: 1280  
WIRE LINE READING BEFORE:  
WIRE LINE READING AFTER:

- (x) Landed Plug on Bottom at 500 PSI
- (x) Shut in Pressure Set Float
- () Lost Circulation
- (x) Good Cement Returns
- () Topped off well with \_\_\_\_\_ Sacks
- (x) Set Float Shoe - Shut In

| Service or Product | Quantity | Per Foot Pricing/Unit Pricing | Amount    |
|--------------------|----------|-------------------------------|-----------|
| 4.5                | 1,273    | 4.00                          | 5,092.00T |

Hooked onto 4 1/2 casing. Established circulation with 19 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 186 sacks of OWC cement, dropped rubber plug, and pumped 19.5 barrels of water.

|                         |            |
|-------------------------|------------|
| <b>Subtotal</b>         | \$5,092.00 |
| <b>Sales Tax (0.0%)</b> | \$0.00     |
| <b>Balance Due</b>      | \$5,092.00 |

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