

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISIONForm ACO-1  
September 1999  
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 33366  
 Name: Charles D. Roye  
 Address: PO Box 191, 102 N. Ozark  
 City/State/Zip: Girard, KS 66743  
 Purchaser: N/A  
 Operator Contact Person: Marvin Strobel  
 Phone: (620) 362-4906  
 Contractor: Name: MO-KAT Drilling  
 License: 5831  
 Wellsite Geologist: Thomas H. Oast KCC  
 Designate Type of Completion:  
☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. App.  
☒ 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. \_\_\_\_\_  
3/2/04 3/3/04 4/29/04  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No. 15 - 037-21,602-0000  
 County: Crawford  
C. NE NE Sec. 3 Twp. 28 S. R. 23 ☒ East ☐ West  
4620 feet from S / N (circle one) Line of Section  
660 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Strobel Well #: 1  
 Field Name: Cherokee Coal Gas Fields  
 Producing Formation: Mississippi Chat/Lime  
 Elevation: Ground: 1012 Kelly Bushing: N/A  
 Total Depth: 640 Plug Back Total Depth: 628  
 Amount of Surface Pipe Set and Cemented at 23'4" Feet  
 Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 628  
 feet depth to surface w/ 90 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 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: Russell Suggs Russell SuggsTitle: Production Supervisor Date: 5/4/04Subscribed and sworn to before me this 4th day of20 04.Notary Public: Bobbi K. WickerDate Commission Expires: 3/15/08

Bobbi K. Wicker  
 Notary Public  
 State of Kansas  
 My Appt. Exp. 3-15-08

## KCC Office Use ONLY

☐ Letter of Confidentiality AttachedIf Denied, Yes ☐ Date: \_\_\_\_\_☐ Wireline Log Received☐ Geologist Report Received☐ UIC Distribution

Operator Name: Charles D. Roye Lease Name: Strobel Well #: 1  
 Sec. 3 Twp. 28 S. R. 23 ☒ East ☐ West County: Crawford

**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:

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

| Name             | Top | Datum |
|------------------|-----|-------|
| Pawnee Lime      | 95  | 127   |
| Oswego Lime #1   | 205 | 220   |
| Oswego Lime #2   | 227 | 233   |
| Mississippi Chat | 618 | TD    |

Gamma Ray/ Neutron/CBL  
 Open hole logs

| CASING RECORD <input type="checkbox"/> New <input checked="" 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"                    |                   | 23'4"         | Portland       | 5            | None                       |
| Production                                                                          | 6.75"             | 4.5"                      | 9.5               | 628'          | 50/50POZ       | 90           | 10 SXS<br>Gilsonite        |

| 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 |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
| 2              | 621-625 Mississippi Chat                                                                  | 300 Gallon 15% HCl                                                                | same  |
| 2              | 621-625 Mississippi Chat                                                                  | 12 Barrels H2O                                                                    | same  |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

| TUBING RECORD                                   |           | Size                                                                                                                                                          | Set At      | Packer At     | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|-------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-----------|---------------------------------------------------------------------|
| Date of First, Resumed Production, SWD or Enhr. |           | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |             |               |           |                                                                     |
| Summer/Fall 2004                                |           |                                                                                                                                                               |             |               |           |                                                                     |
| Estimated Production Per 24 Hours               | Oil Bbls. | Gas Mcf                                                                                                                                                       | Water Bbls. | Gas-Oil Ratio | Gravity   |                                                                     |
|                                                 | 0         | 5                                                                                                                                                             | Trace       |               |           |                                                                     |

Disposition of Gas

METHOD OF COMPLETION

Production Interval

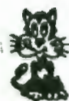
☐ Vented ☒ Sold ☐ Used on Lease  
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

\*to be sold



Air Drilling  
Specialist  
Oil and Gas Wells



**M.O.K.A.T. DRILLING**  
Office Phone: (620) 879-5377



P.O. Box 590  
Caney, KS 67337

|                                    |                                         |                      |                         |                            |                      |                   |                                |                                  |                   |
|------------------------------------|-----------------------------------------|----------------------|-------------------------|----------------------------|----------------------|-------------------|--------------------------------|----------------------------------|-------------------|
| Operator<br><b>CHARLES D. ROYE</b> |                                         | Well No.<br><b>1</b> | Lease<br><b>STROBEL</b> | Loc.<br><b>1/4 1/4 1/4</b> | Sec.<br><b>3</b>     | Twp.<br><b>28</b> | Range<br><b>9E</b>             | <b>23E</b>                       |                   |
| County<br><b>CRAWFORD</b>          |                                         | State<br><b>KS</b>   |                         | Type/Well                  | Depth<br><b>640'</b> | Hours             | Date Started<br><b>3-02-04</b> | Date Completed<br><b>3-03-04</b> |                   |
| Job No.                            | Casing Used<br><b>23 1/4" OF 8 5/8"</b> | Bit Record           |                         |                            | Coring Record        |                   |                                |                                  |                   |
|                                    |                                         | Bit No.              | Type                    | size                       | From                 | To                | Bit No.                        | type                             | Size From To Rec. |
| Driller<br><b>BILLY</b>            | Cement Used                             |                      |                         | <b>6 3/4"</b>              |                      |                   |                                |                                  |                   |
| Driller                            | Rig No.<br><b>2</b>                     |                      |                         |                            |                      |                   |                                |                                  |                   |
| Driller                            | Hammer No.                              |                      |                         |                            |                      |                   |                                |                                  |                   |

### Formation Record

| From | To  | Formation           | From | To  | Formation        | From | To  | Formation             | From | To | Formation |
|------|-----|---------------------|------|-----|------------------|------|-----|-----------------------|------|----|-----------|
| 0    | 5   | DIRT                | 335  | 343 | COAL             | 619  | 628 | MISSISSIPPI CHAT LIME |      |    |           |
| 5    | 9   | LIME WET            | 339  |     | GAS TEST 1# 1/8" | 628  | 640 | GREY LIME             |      |    |           |
| 9    | 11  | DIRT                | 343  | 345 | LIME             | 640  |     | GAS TEST SAME         |      |    |           |
| 11   | 14  | LIME                | 345  | 353 | SHALE            |      |     |                       |      |    |           |
| 14   | 20  | SHALE               | 353  | 355 | COAL             |      |     | T.D. 640'             |      |    |           |
| 20   | 60  | SAND                | 355  | 365 | SHALE            |      |     |                       |      |    |           |
| 60   | 68  | SANDY SHALE         | 364  |     | GAS TEST SAME    |      |     |                       |      |    |           |
| 68   | 93  | SHALE               | 365  | 372 | SANDY SHALE      |      |     |                       |      |    |           |
| 93   | 94  | LIME                | 372  | 374 | COAL             |      |     |                       |      |    |           |
| 94   | 95  | COAL                | 374  | 387 | SHALE            |      |     |                       |      |    |           |
| 95   | 98  | SHALE               | 387  | 388 | COAL             |      |     |                       |      |    |           |
| 98   | 131 | LIME                | 388  | 421 | SHALE            |      |     |                       |      |    |           |
| 98   | 102 | OIL ODOR            | 414  |     | WENT TO WATER    |      |     |                       |      |    |           |
| 131  | 133 | BLACK SHALE/ COAL?  | 421  | 422 | COAL             |      |     |                       |      |    |           |
| 133  | 152 | SHALE               | 422  | 478 | SHALE            |      |     |                       |      |    |           |
| 152  | 153 | BLACK SHALE/ COAL?  | 478  | 485 | SANDY SHALE      |      |     |                       |      |    |           |
| 153  | 181 | SHALE               | 485  | 487 | SHALE            |      |     |                       |      |    |           |
| 181  | 190 | SANDY SHALE         | 487  | 500 | LIME             |      |     |                       |      |    |           |
| 190  | 199 | SAND OIL ODOR       | 500  | 501 | COAL             |      |     |                       |      |    |           |
| 199  | 200 | COAL                | 501  | 505 | SAND             |      |     |                       |      |    |           |
| 200  | 207 | SHALE               | 505  | 529 | SHALE            |      |     |                       |      |    |           |
| 207  | 223 | LIME OSWEGO         | 515  |     | GAS TEST SAME    |      |     |                       |      |    |           |
| 212  |     | OIL ODOR            | 529  | 531 | LIME             |      |     |                       |      |    |           |
| 223  | 229 | BLACK SHALE SUMMITT | 531  | 539 | SHALE            |      |     |                       |      |    |           |
| 229  | 236 | LIME                | 539  | 560 | SAND             |      |     |                       |      |    |           |
| 236  | 238 | BLACK SHALE MULKY   | 560  | 570 | SHALE            |      |     |                       |      |    |           |
| 238  | 239 | COAL DAMP           | 570  | 580 | BLACK SHALE      |      |     |                       |      |    |           |
| 239  | 327 | SHALE               | 580  | 581 | COAL             |      |     |                       |      |    |           |
| 264  |     | GAS TEST NO GAS     | 581  | 585 | LIMEY SHALE      |      |     |                       |      |    |           |
| 327  | 333 | BLACK SHALE         | 585  | 591 | SAND             |      |     |                       |      |    |           |
| 333  | 335 | COAL                | 591  | 619 | BLACK SHALE      |      |     |                       |      |    |           |

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