

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1149762

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 # | | API No. 15 | |
|---|---------------|---|---------------------------------------|
| Name: | | Spot Description: | |
| Address 1: | | Sec | TwpS. R East West |
| Address 2: | | Fe | et from North / South Line of Section |
| City: State: Zip: | + | Fe | et from East / West Line of Section |
| Contact Person: | | | Nearest Outside Section Corner: |
| Phone: () | | | |
| CONTRACTOR: License # | | | |
| Name: | | | Well #: |
| | | | vven # |
| Wellsite Geologist: | | | |
| Purchaser: | | | |
| Designate Type of Completion: | | | Kelly Bushing: |
| New Well Re-Entry Wor | kover | Total Depth: Plu | g Back Total Depth: |
| Oil WSW SWD | SIOW | Amount of Surface Pipe Set | t and Cemented at: Feet |
| Gas D&A ENHR | SIGW | Multiple Stage Cementing C | Collar Used? 🗌 Yes 🗌 No |
| ☐ OG ☐ GSW | Temp. Abd. | If yes, show depth set: | Feet |
| CM (Coal Bed Methane) | | If Alternate II completion, ce | ement circulated from: |
| Cathodic Other (Core, Expl., etc.): | | feet depth to: | w/sx cmt. |
| If Workover/Re-entry: Old Well Info as follows: | | | |
| Operator: | | | |
| Well Name: | | Drilling Fluid Managemen (Data must be collected from th | |
| Original Comp. Date: Original Total Dept | :h: | | |
| | Conv. to SWD | Chloride content: | ppm Fluid volume: bbls |
| | | Dewatering method used: _ | |
| Plug Back: Plug Back To | otal Depth | Location of fluid disposal if | hauled offsite: |
| Commingled Permit #: | | Operator Name: | |
| Dual Completion Permit #: | | | |
| | | Lease Name: | License #: |
| ENHR Permit #: | | Quarter Sec | _ TwpS. R East West |
| GSW Permit #: | | County: | Permit #: |
| | | | |
| | etion Date or | | |

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: Date: |

| | Side Two | 1149762 |
|-------------------------|-------------|---------|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. R East _ West | 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken (Attach Additional She | eets) | Yes No | |]Log Formatio | on (Top), Depth an | d Datum Top | Sample |
|---|----------------------|--|------------------------|----------------------|--------------------|-----------------|-------------------------------|
| Samples Sent to Geolog | gical Survey | Yes No | | ame | | юр | Datum |
| Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy) | Electronically | ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | CASI | NG RECORD | New Used | | | |
| | | Report all strings s | et-conductor, surface, | intermediate, produc | tion, 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: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|-----------------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing Plug Back TD | | | | |
| Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | , | | ement Squeeze Record I of Material Used) | Depth | | | |
|--------------------------------------|---|----------------|------------|----------------|----------|---|----------|------------------------------|-----------------|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | ze: | Set At: | | Packer | At: | Liner R | un: | No | |
| Date of First, Resumed Pr | oduct | on, SWD or ENH | <i>₹</i> . | Producing N | | oing | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | ər | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | | | | | | 1 | |
| DISPOSITION | OF | BAS: | | | METHOD (| OF COMPLE | TION: | | PRODUCTION INTE | RVAL: |
| Vented Sold | | Jsed on Lease | | Open Hole | Perf. | Dually (Submit) | | Commingled (Submit ACO-4) | | |
| (If vented, Subm | it ACC | -18.) | | Other (Specify |) | | | | | |



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Paola, KS 66071

Phone: 913-557-9083 Fax: 913-557-9084

WELL LOG Kansas Resource Exploration & Development, LLC Guetterman #KRI-4 API # 15-091-23,951 April 3 - April 5, 2013

| Thickness of Strata | Formation | Total |
|---------------------|--------------------|-----------------------------|
| 10 | soil & clay | <u>Total</u> 10 |
| 5 | sandstone | 15 |
| 3 | shale | 18 |
| 9 | lime | 27 |
| 6 | shale | 33 |
| 15 | lime | 48 |
| 9 | shale | 57 |
| 9 | lime | 66 |
| 9 | shale | 75 |
| 18 | lime | 93 |
| 18 | shale | 111 |
| 17 | lime | 128 |
| . 7 | shale | 135 |
| 50 | lime | 185 |
| 25 | shale | 210 |
| 10 | lime | 220 |
| 14 | shale | 234 |
| 8 | lime | 242 |
| 5 | shale | 247 |
| 15 | lime | 262 |
| 2 | shale | 264 |
| 3 | lime | 267 |
| 20 | shale | 287 |
| 1 | lime | 288 |
| 12 | shale | 300 |
| 23 | lime | 323 |
| 10 | shale | 333 |
| 19 | lime | 352 |
| 4 | shale | 356 |
| 3 | lime | |
| 6 | shale | 359 |
| 5 | lime | 365 |
| 31 | shale | 370 base of the Kansas City |
| 6 | | 401 |
| 136 | grey sand shale | 407 |
| 5 | lime | 543 |
| | | 548 |
| 3 | shale | 551 |
| 5 | lime | 554 |

Guetterman #KRI-4

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| 9 | shale | 563 |
|------|-------------|---------------------------------------|
| 5 | lime | 568 |
| 17 | shale | 585 |
| 3 | lime | 588 |
| 15 | shale | 603 |
| 1 | lime | 604 |
| 25 | shale | |
| 1 | lime | 629 red |
| 11 | shale | 630 |
| 4 | lime | 641 |
| 63 | shale | 645 broken |
| 2 | | 708 |
| 4 | broken sand | 710 brown & grey, ok bleeding (gassy) |
| 4 | oil sand | 714 brown, bleeding good |
| 16 | broken sand | 718 brown & grey, ok bleeding (gassy) |
| | shale | 734 |
| 1 | coal | 735 |
| 69 | shale | 804 |
| 1 | coal | 805 |
| 25 | shale | 830 |
| 1.5 | broken sand | 831.5 brown & whte, good bleeding |
| 1.5 | oil sand | 833 brown, good bleeding |
| 2.5 | broken sand | 835.5 brown & grey, ok bleeding |
| 12.5 | shale | 848 |
| 1.5 | coal | 849.5 |
| 46.5 | shale | 896 TD |

Drilled a 9 7/8" hole to 22' Drilled a 5 5/8" hole to 896'

Set 22' of 7" surface casing cemented with 6 sacks of cement

Set 8/81' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



257883

TICKET NUMBER 38696

LOCATION Ottawa KS

FOREMAN_Fred Made

Marl

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

| 020-431-9210 | 01 000-401-0010 | | CEMEN | 1 | | | |
|--------------|---|---------------------------------|------------|-----------|------------------|--|------------------------|
| DATE | CUSTOMER # | WELL NAME & NUM | BER | SECTION | TOWNSHIP | RANGE | COUNTY |
| 4/5/13 | 4448 | Guetherman K | RI-4 | NB 19 | 14 | 22 | To |
| CUSTOMER | 50 <u>000</u> 55 | | | 法国际领域和法律 | | Part of the Part o | 1.11.11.11日X10144-3-5- |
| Kansas | 5 Kesourc | es Expl + Deu. | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDR | ESS | | | 712 | Fremad | Sufaty | nAd. |
| | w II | | | 495 | HarBec | 143 | |
| CITY | _ | STATE ZIP CODE | | 675 | Kei Dat | KD | |
| Overla | nd Park | | | 503 | Danpet | DD | |
| | | HOLE SIZE 518 | HOLE DEPTH | 896 | CASING SIZE & WI | EIGHT 278 | EUE |
| CASING DEPTH | 1 8810 | DRILL PIPE | TUBING | | | OTHER | |
| SLURRY WEIGH | SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 2.24 "Plugs | | | | | | |
| DISPLACEMEN | DISPLACEMENT 5, 12 BBC DISPLACEMENT PSI MIX PSI RATE 5 BPM. | | | | | | |
| REMARKS: | 6 Karew | meeting. Estal | blish p | ums rat | z. mix x | Pump 1 | 00 th Get |
| Flus | 4. Mix | + Pumpt 127 5 | | | | | |
| phin | 10 Seal/ | sk. Cement + | o surfa | ce. Flus | hpumpeli | hes ched | 24. |
| Disp | lace 2 | · 2' Rubber pi 2 prossure to | lugs to | casing | TD. Pue | ssure X | 0 800th |
| PS1.' | Releas | 2 pressure to . | set Fl. | out value | . Shut m | - Casing. | |
| | | / | | | | 0 | |
| | | | | | | | |

Evans Energy Der. Inc. Mitchell

| ACCOUNT CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | | UNIT PRICE | TOTAL |
|-----------------|------------------|-------------------------------------|------|--------------------|----------------|
| 5401 | 1 | PUMP CHARGE | 495 | | 103000 |
| 5406 | # 30 mi | MILEAGE | 495 | | 12000 |
| 5402 | 881 | Casing footoge | | | NK |
| 5407 | Minimusu | Ton miles | | | .350 |
| 55020 | Zhrs | 80 BBL Vac Truck | | | 18009 |
| | 1275145 | and an R 100 Man 4 | | | |
| 1124 1118B | 314# | SULSO for Mix Cement Premium Gel | | | 1390 ES 652 |
| 1107A | 64 | Phino Seal | | | 825 |
| 4402 | 2 | 21/2" Rubber plugs | | | 5600 |
| | | | | | |
| | | | Com | | |
| | N-1 | hard and | | | |
| | 11 11 | 2.0 | | | |
| | | 7. | 525% | SALES TAX | 12003 |
| avin 3737 | KALAND | | | ESTIMATED TOTAL | 339518 |
| UTHORIZTION | (AUDO | TITLE | | DATE | |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form