

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1140216

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 & LEA | SF |
|--|----|

| OPERATOR: License # | API No. 15 |
|--|---|
| Name: | Spot Description: |
| Address 1: | |
| Address 2: | Feet from North / South Line of Section |
| City: State: Zip:+ | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | |
| CONTRACTOR: License # | County: |
| Name: | Lease Name: Well #: |
| Wellsite Geologist: | Field Name: |
| Purchaser: | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: Plug Back Total Depth: |
| 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: | Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? |
| Operator: Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW | Chloride content: ppm Fluid volume: bbls Dewatering method used: |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Permit #: Dual Completion Permit #: | Operator Name: |
| Dual Completion Permit #: SWD Permit #: | Lease Name: License #: |
| ENHR Permit #: | Quarter Sec TwpS. R East West |
| GSW Permit #: | County: Permit #: |
| Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date | |

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 II Approved by: Date: |
| |

| | Side Two | 1140216 |
|-----------------------|-------------|---------|
| 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 | | - | n (Top), Depth an | | Sample |
|---|----------------------|---------------------------------------|----------------------------|--------------------|-------------------|-----------------|-------------------------------|
| Samples Sent to Geolog | ical Survey | Yes No | Nan | ie | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy) | Electronically | <pre>Yes □ No Yes □ No Yes □ No</pre> | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | CASIN | G RECORD | ew Used | | | |
| | | Report all strings se | et-conductor, surface, int | ermediate, product | ion, 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 d of Material Used) | Depth | | |
|---|---|---------------|-----------------|-----------------|-------|---------------------|---|------------------------------|---------------|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Size: Set At: Packer At: | | | Liner R | un: | No | | | | |
| Date of First, Resumed Production, SWD or ENHR. Producing Method: □ Flowing □ Pumping | | | Gas Lift | Other (Explain) | | | | | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | ər | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | | | | | | | |
| DISPOSITION | DISPOSITION OF GAS: METHOD OF COMPLE | | | TION: | | PRODUCTION INTE | RVAL: | | | |
| Vented Sold | | Jsed on Lease | | Open Hole | Perf. | Uually (Submit A | | Commingled (Submit ACO-4) | | |
| (If vented, Submit ACO-18.) | | | Other (Specify) | | | | | | | |

CONSOLIDATED

TICKET NUMBER 351 LOCATION <u>Haive</u> KS FOREMAN <u>Casey Kenned</u> 35174 : 1

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

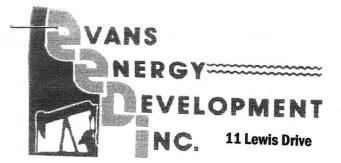
Qil Well Services, LLC

FIELD TICKET & TREATMENT REPORT

CENTENT

| 020 401 0210 | | | | CEMEN | 1 | | | |
|--------------------|-------------|-------------|---------------|--------------|-----------------|-----------------|------------|-------------|
| DATE | CUSTOMER # | | L NAME & NUME | | SECTION | TOWNSHIP | RANGE | COUNTY |
| 11/21/12 | 4448 | Guttermo | an # KRI | -5 | NE 19 | 14 | 22 | JO |
| CUSTOMER Kansas | Resource E | Sun + No | | | | | | |
| MAILING ADDRE | ESS | -xp + Dec | | 4 | TRUCK # | DRIVER | TRUCK # | DRIVER |
| | . 110th St. | Suite S | ~~~~ | | 481 | Casken | V Sateh | Heeting |
| CITY | | STATE | ZIP CODE | 4 | leise | GarMoo | V | |
| Overland | | KS | 66210 | | 558 | BreMan | V | |
| JOB TYPE 100 | | HOLE SIZE | |] | 369 | DerMas | ~ | |
| CASING DEPTH | 1 4 4 4 | DRILL PIPE | | | 885 | CASING SIZE & W | | " EUE |
| SLURRY WEIGH | | SLURRY VOL | | TUBING | | | OTHER | i |
| | | | | WATER-gal/s | к | CEMENT LEFT in | | |
| 1 | | DISPLACEMEN | | MIX PSI | | RATE 4.56 | | |
| REMARKS: he | 1 | repting, e | | | | l + pumped 1 | 00 # Preu | |
| plowed | by 10 bb/s | fresh wa | A | | | 32' sk's 50% | so Pozni | × compet |
| 2/200 | et + /2 # | Phenosea | lper st | | | | suppelea | n, pumpe |
| 2 2/2 | | plugs to | 1 - / | TD W/ | 5.05 bbls | | | pressured t |
| 300 PSI | | vell help | pressu | re for | 30 min | MIT, re | leased pre | ssure, |
| shot in | casing - | | | | 2 | ~ | · · · · | |
| | <u> </u> | ······ | | | | + 1/ | | |
| | | | | | | L | | |
| | | | | | | T | | |
| ACCOUNT | | | · | | | | | * |
| ACCOUNT CODE | QUANITY (| or UNITS | DE | SCRIPTION of | SERVICES or PRO | DUCT | UNIT PRICE | TOTAL |
| 5401 | 1 | | PUMP CHARGE | ε | | | | 1030.00 |
| 5400 | on lea | se | MILEAGE | | | | | |
| 5402 | 873' | | casing t | outage | | | | |
| 5407 | nininu | m | | leage | | | | 350.00 |
| SSOAC | 1.5h | | 80 Va. | | | | | 135.00 |
| 0.000.0 | | | 00 000 | | - | | | 130.0 |
| | | | | | | | | |
| 1124 | 132 st | | 50/- 1 | ~ ` - | | | | aller is |
| | | | 50/50 Po | Zury C | enen | | | 1445.40 |
| 11188 | 322 # | | Premiun | | | | | 67,62 |
| 11074 | 106 # 2 | - | Pheno Se | ial | | | | 85.14 |
| 4402 | 2 | | 2%" | ·Jober plu | -9 | | | 56.00 |
| | | | | | | | | я |
| | | | | | | | | 1.343 |
| | | | | | | | 6 nºn | 5 w4 |
| | | | | | | | ay at the | 1 i |
| | | | | | | | . to | |
| | A - A | | | | | | | |
| A | 11// | | | | | | | 1 |
| | IN N | | | | | | SALES TAX | 124.48 |
| vin 3737 | | | | | | | ESTIMATED | |
| | AL INST | T . | | | | | TOTAL | 3293.64 |

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



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-5 API # 15-091-23,952 November 20 - November 21, 2012

| Thickness of Strata | Formation | T . (.) |
|---------------------|-------------|-----------------------------|
| 8 | soil & clay | Total |
| 23 | shale | 8 |
| 8 | lime | 31 |
| 10 | shale | 39 |
| 15 | lime | 49 |
| 9 | shale | 64 |
| 8 | lime | 73 |
| 9 | | 81 |
| 19 | shale | 90 |
| 17 | lime | 109 |
| 18 | shale | 126 |
| 6 | lime | 144 |
| 50 | shale | 150 |
| 25 | lime | 200 |
| | shale | 225 |
| 10 | lime | 235 |
| 17 | shale | 252 |
| 6 | lime | 258 |
| 8 | shale | 266 |
| 3 | lime | 269 |
| 2 | shale | 271 |
| 5 | lime | 276 broken lime |
| 5 | shale | 281 |
| 2 | lime | 283 |
| 20 | shale | 303 |
| 1 | lime | 304 |
| 11 | shale | |
| 7 | lime | 315 |
| 2 | shale | 322 |
| 14 | lime | 324 |
| 9 | shale | 338 |
| 21 | lime | 347 |
| 3 | shale | 368 360 making water |
| 3 | lime | 371 |
| 7 | shale | 374 |
| 4 | lime | 381 |
| 176 | | 385 base of the Kansas City |
| 4 | shale | 561 |
| 3 | lime | 565 oil show |
| 2 | shale | 568 |
| — | lime | 570 |
| | | |

Guetterman #KRI-5

| etterman #KRI-5 | | Page 2 |
|--|---|--|
| 2 1 5 6 18 2 14 3 22 6 73 2.5 1 2.5 | shale coal shale lime shale lime shale lime shale lime shale broken sand silty shale broken sand | 572 573 578 584 602 604 618 621 643 red 649 722 724.5 brown sand & shale light bleeding, gassy 725.5 728 80% brown sand, 20% shale, |
| 95 1 7 2 11 3 4 3 5 24 | shale coal shale silty shale shale broken sand oil sand broken sand silty shale shale | light bleeding, gassy 823 824 831 833 grey & white 844 847 white & brown, ok bleeding 851 brown, good bleeding 854 brown & white, good bleeding 859 883 TD |

Drilled a 9 7/8" hole to 23.1' Drilled a 5 5/8" hole to 883'

Set 23.1' of 7" surface casing cemented with 6 sacks of cement

Set 873' of 2 7/8" 8 round upset tubing, with 3 centralizers, 1 float shoe, & 1 clamp.