

KANSAS CORPORATION COMMISSION 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 # 61 | 42 | | API No. 15 |
|-------------------------------------|---------------------|---|--|
| Name: Town Oil Compa | | | Spot Description: |
| Address 1: 16205 W 287TH | ST | | NW SE SW NE Sec. 13 Twp. 18 S. R. 21 F East W |
| Address 2: | | | 3215 Feet from North / ✓ South Line of Sect |
| City: PAOLA | State: KS Zi | o: 66071 + 8482 | Feet from East / West Line of Sect |
| Contact Person: Lester TOv | vn | | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (913) 294-212 | | | □ne □nw ☑se □sw |
| CONTRACTOR: License #_6 | 142 | | County: Miami |
| Name: Town Oil Company | | | Lease Name: Kitchen Well #: 11-W |
| Wellsite Geologist: NA | | | Field Name: Paola-Rantoul |
| Purchaser: | | | Producing Formation: Squirrel |
| Designate Type of Completion | : | | Elevation: Ground: 900 Kelly Bushing: 0 |
| | | Workover | Total Depth: 560 Plug Back Total Depth: 6 |
| □ oii □ wsw | , □ swd | □ slow | Amount of Surface Pipe Set and Cemented at: F |
| ☐ Gas ☐ D&A | ☑ SWB | ☐ sigw | Multiple Stage Cementing Collar Used? Yes V No |
| og | ☐ gsw | Temp. Abd. | If yes, show depth set: F |
| CM (Coal Bed Methane) | | | If Alternate II completion, cement circulated from: |
| Cathodic Other (| Core, Expl., etc.): | | feet depth to: 20 w/ 3 sx c |
| If Workover/Re-entry: Old We | l Info as follows: | | |
| Operator: | | | Drilling Fluid Management Plan |
| Well Name: | | | (Data must be collected from the Reserve Pit) |
| Original Comp. Date: | Original To | otal Depth: | Chloride content: 1500 ppm Fluid volume: 80 |
| Deepening Re- | perf. Conv. to | ENHR Conv. to SWD | Dewatering method used: Evaporated |
| _ | Conv. to | | |
| Plug Back: | | - ' | Location of fluid disposal if hauled offsite: |
| Commingled | | · · · · · · · · · · · · · · · · · · · | Operator Name: |
| ☐ Dual Completion | | | Lease Name: License #: |
| SWD | | | Quarter Sec TwpS. R |
| ENHR | | | County: Permit #: |
| GSW | | 1/20/2012 | |
| | 80/2011 | | |
| Spud Date or Date Recompletion 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 Approved by: Dosmis Garrisos Date: 02/03/2012 | | | | | | |

Side Two



| Operator Name: Town Oil Company Inc. | | | Lease Name: | Kitchen | | Well #:11-W | | | | | | | | |
|---|--|---|----------------------|----------------------------|---------------------|-----------------|-------------------------------|---------------|--|--|--|--|--|--|
| Sec. 13 Twp. 18 | s. R. <u>21</u> | ✓ East | County: Mia | ımi | <u></u> | | | | | | | | | |
| time tool open and clo | osed, flowing and shu es if gas to surface te | nd base of formations pen ut-in pressures, whether s est, along with final chart(s I well site report. | shut-in pressure re | eached static level, | , hydrostatic press | ures, bottom h | hole temper | rature, fluid | | | | | | |
| Drill Stern Tests Taken | | Yes No | V | Log Formatio | on (Top), Depth and | d Datum | ☐ Sa | ample | | | | | | |
| Samples Sent to Geo | logical Survey | ☐ Yes ✓ No | 1 | ime nma Ray | | Тор | Da | atum | | | | | | |
| Cores Taken Electric Log Run Electric Log Submitted Electronically (If no. Submit Copy) | | Yes No Yes No Yes No | | | | | | | | | | | | |
| List All E. Logs Run: | | | | | | | | | | | | | | |
| Gamma Ray Neutro | on Completion Log | | | | | | | | | | | | | |
| | | CASING Report all strings set-c | RECORD 🗸 | _ | tion atc | | · · · · | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | | d Percent | | | | | | |
| Surface | 9 | 6.2500 | 10 | 20 | Portland | 3 | | | | | | | | |
| Completion | 5.6250 | 2.8750 | 8 | 554 | Portland | 83 | 50/50 POZ | | | | | | | |
| | | | | | | | | | | | | | | |
| | | ADDITIONAL | CEMENTING / S | QUEEZE 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 | Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | | | | | | | | | | | |
| 2 | 506.0-514.0 | 25 Perfs | | Acid 500 gal. 7.5% HCL | | | | | | | | | | |
| : | , | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TUDING PEOODS | 0: | 0.14 | | Line Book | | | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: | Yes No | | | | | | | | | |
| Date of First, Resumed | Production, SWD or EN | NHR. Producing Meth | hod: | Gas Lift (| Other (Explain) | ., . | | | | | | | | |
| Estimated Production Per 24 Hours | Oil | Bbls. Gas | Mcf W | /ater B | ibis. G | Sas-Oil Ratio | | Gravity | | | | | | |
| DISPOSITIO | ON OF GAS: | | METHOD OF COMP | PLETION: | | PRODUCTION | ON INTERVA | | | | | | | |
| Vented Sold | _ | | Perf. Dua | ally Comp. 🔲 Co | mmingled | | | **** | | | | | | |
| (If vented, Sub | | Other (Specify) | (Subm | iii ACO-5) (Sub | omit AUO-4) | | (Submit ACO-5) (Submit ACO-4) | | | | | | | |

Lease Owner: TOC

Miami County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Kitchen 11-W (913) 837-8400 12/28/2011 (913) 837-8400

12/28/2011

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|-------------|-------------|
| 7 | Soil-Clay | 7 |
| 21 | Lime | 28 |
| 18 | Shale | 46 |
| 9 | Lime | 55 |
| 40 | Shale | 95 |
| 15 | Lime | 110 |
| 9 | Shale | 119 |
| 30 | Lime | 149 |
| 7 | Shale | 156 |
| 22 | Lime | 178 |
| 6 | Shale | 184 |
| 3 | Lime | 187 |
| 1 | Shale | 188 |
| 7 | Lime | 195 |
| 166 | Shale | 361 |
| 8 | Lime | 369 |
| 5 | Shale | 374 |
| 1 | Lime | 375 |
| 2 | Shale | 377 |
| 5 | Sand | 382 |
| 37 | Shale | 419 |
| 12 | Lime | 431 |
| 7 | Shale | 438 |
| 3 | Lime | 441 |
| 17 | Shale | 458 |
| 8 | Lime | 466 |
| 25 | Shale | 491 |
| 7 | Lime | 498 |
| 7 | Shale | 505 |
| 6 | Sand | 511 |
| 6 | Sand | 517 |
| 43 | Sandy Shale | 560-TD |
| | | |
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| TICKET NUMBER | 36779 |
|---------------|-------|
| LOCATION 0+79 | iwg |
| FOREMAN Alan | Male- |

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

FIELD TICKET & TREATMENT REPORT

| 620-431-9210 or 800-467-8676 CEMENT | | | | | | | | | |
|-------------------------------------|---------------|-----------------|----------------|---------------------|-----------------|--|-----------------|-------------|--|
| DATE | CUSTOMER# | | ME & NUME | BER | SEC | TION | TOWNSHIP | RANGE | COUNTY |
| 12-30-11 | 7873 | Kitchen | <i>Э</i> ф | = 1/1/2 " | NE | B | 18 | 21 | NIT |
| CUSTOMER | 1/24 1 | e] | | 17 | Total Sales | | | 1997年 | |
| MAILING ADDRE | VV VV | | | 1 | TRU | CK# | DRIVER | TRUCK# | DRIVER |
| | | 87 | • | | May | Me. | Sately 2 | MERT | |
| 16203 | | STATE ZIP | CODE | - | 368 | | Arlenn | ABIL | |
| | | KS 14 | 16071 |] | 3.53 | | Kery D | 'KD. | · . |
| Paola | | | · · | 1 | L | | <u> </u> | | ا |
| JOB TYPE / V | | HOLE SIZE 5 V | 8 | HOLE DEPTI | 1_5 <i>6</i> | <u> </u> | CASING SIZE & W | EIGHT | 8 |
| CASING DEPTH | , | DRILL PIPE | . | TUBING | | | | | 50 |
| SLURRY WEIGH | | SLURRY VOL | 0.0- | WATER gai/s | <u> </u> | - | CEMENT LEFT in | | · |
| DISPLACEMENT | 1 2 | DISPLACEMENT PS | ~ | | 100 | | RATE 460 | <u> </u> | |
| REMARKS: //e | ld creu | / neet | <u>, Es</u> | | 400 | ral | e /n.x | ed + p | umped |
| 10045-1 | tolland | | | 5.K50 | 150. | com | gent pla | 15 2 70 | 90/ |
| Circul | ated c | enent. | | | prim, | 2. P | umped | plug | <i>t</i> >> |
| Pin at | <u>550' U</u> | Jell hel | <u>d 8</u> | OD PS | 1/2 X | De i | 30 Minu | ite // | 177 |
| Closed | · value | · | | | · | | | - | |
| | | | . <u>.</u> | | | | - | | :- |
| | | | - | | | | | | 7 · · · · · · · · · · · · · · · · · · · |
| TOWN D. | villing t | water | | | | | - A -A | Alas | L |
| | | | | | | | 11/00 | 1/100 | |
| - | | _ | <u> </u> | | | · | | | - |
| ACCOUNT CODE | QUANITY | or UNITS | DE | SCRIPTION of | SERVICE | S or PRO | DDUÇT | UNIT PRICE | TOTAL |
| 1401 | | PU | AP CHARG | E | | | | | 1030.00 |
| 5406 | 25 | MIL | EAGE | | | | | | 100.00 |
| 3402 | 3. | 54 | <u> 295.1.</u> | 15 to | stay | | | | 2 = 0 |
| 5407 | Mil | 1 | ton. | mile. | | | | | 350.00 |
| V | | | | | | | | | |
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| 11251 | 83 | 3 | 0/50 | cen | | | | | 908.85 |
| 1188 | 236 | th | 381 | | | | | | 50.19 |
| 4407 | | | 1/2 | plag | | | | 1.5 | 28.00 |
| 4402 | | | | | | | | | |
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| <u> </u> | | | <u></u> | 21/10 |)0 ~ | | | • | |
| | | | | - 1) M M | | | | | |
| ,— | | | | <i>(</i>) | | - | | | |
| | | | | | | | | SALES TAX | 74.52 |
| tavin 3737 | | | | | | | | ESTIMATED | 2-1157 |
| MART GAOS | 4.). | ton Jour | v | | | | | TOTAL | 2541.56 |
| | ww | win UWW | | TITLE | | | | DATE | |

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