



KANSAS CORPORATION COMMISSION 1109863  
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 # 32116  
Name: R.T. Enterprises of Kansas, Inc.  
Address 1: 120 SHORELINE DR  
Address 2: \_\_\_\_\_  
City: LOUISBURG State: KS Zip: 66053 + \_\_\_\_\_  
Contact Person: Lance Town  
Phone: ( 913 ) 710-5400  
CONTRACTOR: License # 33715  
Name: Town Oilfield Service  
Wellsite Geologist: NA  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- 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:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD

Conv. to GSW

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled    Permit #: \_\_\_\_\_

Dual Completion    Permit #: \_\_\_\_\_

SWD    Permit #: \_\_\_\_\_

ENHR    Permit #: \_\_\_\_\_

GSW    Permit #: \_\_\_\_\_

1/10/2013	1/14/2013	1/21/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21848-00-00

Spot Description: \_\_\_\_\_  
NE SW NE SE Sec. 11 Twp. 15 S. R. 20  East  West  
1800 Feet from  North /  South Line of Section  
840 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Douglas

Lease Name: Pearson Well #: 28

Field Name: \_\_\_\_\_

Producing Formation: Squirrel

Elevation: Ground: 1072 Kelly Bushing: 0

Total Depth: 979 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 64 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: 64 w/ \_\_\_\_\_ sx cmf.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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: Deanna Garrison Date: 01/28/2013



1109863

Operator Name: R.T. Enterprises of Kansas, Inc. Lease Name: Pearson Well #: 28
Sec. 11 Twp. 15 S. R. 20 [x] East [ ] West County: Douglas

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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [ ] Yes [x] No
Samples Sent to Geological Survey [ ] Yes [x] No
Cores Taken [ ] Yes [x] No
Electric Log Run [x] Yes [ ] No
Electric Log Submitted Electronically [x] Yes [ ] No
List All E. Logs Run: GammaRay/Neutron/CCL

CASING RECORD [x] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, Footage, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth.

TUBING RECORD: Size: Set At: Packer At: Liner Run: [ ] Yes [ ] No
Date of First, Resumed Production, SWD or ENHR.
Producing Method: [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (Explain)
Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: [ ] Vented [ ] Sold [ ] Used on Lease
METHOD OF COMPLETION: [ ] Open Hole [ ] Perf. [ ] Dually Comp. [ ] Commingled [ ] Other (Specify)
PRODUCTION INTERVAL:

Douglas County, KS  
Well: Pearson 28  
Lease Owner: R.T. Enterprises

Town Oilfield Service, Inc.  
(913) 837-8400

Commenced Spudding:  
1/10/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
1	Soil-Clay	1
60	Sandstone	61
2	Shale	63
2	Lime	65
133	Shale	198
5	Lime	203
7	Shale	210
13	Lime	223
8	Shale	231
7	Lime	238
7	Shale	245
16	Lime	261
19	Shale	280
5	Lime	285
5	Shale	290
7	Sand	297
18	Lime	315
2	Shale	317
2	Sand	319
10	Sandy Shale	329
61	Shale	390
22	Lime	412
12	Shale	424
5	Shale	429
7	Lime	436
23	Shale	459
16	Lime	475
6	Shale	481
1	Lime	482
13	Shale	495
7	Lime	502
1	Lime	503
15	Lime	518
8	Shale	526
23	Lime	549
3	Shale	552
4	Lime	556
4	Shale	560
6	Lime	566
4	Shale	570



# Short Cuts

## TANK CAPACITY

BBLs. (42 gal.) equals  $D^2 \times 14 \times h$   
 D equals diameter in feet.  
 h equals height in feet.

## BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

## TO FIGURE PUMP DRIVES

- \* D - Diameter of Pump Sheave
- \* d - Diameter of Engine Sheave
- SPM - Strokes per minute
- RPM - Engine Speed
- R - Gear Box Ratio
- \*C - Shaft Center Distance

D -  $RPM \times d$  over  $SPM \times R$

d -  $SPM \times R \times D$  over RPM

SPM -  $RPM \times D$  over  $R \times d$

R -  $RPM \times D$  over  $SPM \times d$

BELT LENGTH -  $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

\* Need these to figure belt length

TO FIGURE AMPS:  $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

# Log Book

Well No. 28

Farm Pawnee

KS Douglas  
 (State) (County)

11 15 20  
 (Section) (Township) (Range)

For RT. Enterprises  
 (Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East  
 Louisburg, KS 66053  
 913-710-5400



Thickness of Strata	Formation	Total Depth	Remarks
1	soil/clay	1	
60	sandstone	61	water - 30
2	shale	63	
2	lime	65	
123	shale	198	
5	lime	203	
7	shale	210	
13	lime	223	
8	shale	231	
7	lime	238	
7	shale	245	
16	lime	261	
19	shale	280	
5	sand	285	
5	shale	290	
7	sand	297	with some sandy shale, pool
18	lime	315	
2	shale	317	
2	sand	319	pool
10	sandy shale	329	
61	shale	390	
22	lime	412	
12	shale	424	
5	shale & lime	429	
7	lime	436	
23	shale	459	
16	lime	475	

Thickness of Strata	Formation	475 Total Depth	Remarks
6	shale	481	
1	Lime	482	
13	Shale	495	
7	Lime	502	
1	Lime	503	oil, some bleeding
15	Lime	518	
8	shale	526	
23	Lime	549	
3	shale	552	
4	Lime	556	
4	shale	560	
6	Lime	566	Martha
4	shale	570	
12	sand	582	sandy, no oil
4	sandy shale	586	
26	shale	612	
5	sandy shale	617	
6	sand	623	sandy, no oil
37	sandy shale	660	
23	shale	683	
12	sand	695	sandy, no oil
5	sandy shale	700	
28	shale	728	
6	Lime	734	
4	shale	738	
4	limestone shale	742	
7	shale	749	







**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 39089  
LOCATION Ottawa, KS  
FOREMAN Casey Kennedy

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1/14/13		Pearson # 28	SE 11	15	20	DB
CUSTOMER <u>Ojenroc</u>						
MAILING ADDRESS <u>120 Shoreline Dr</u>						
CITY <u>Louisburg</u>		STATE <u>KS</u>	ZIP CODE <u>66053</u>			
			TRUCK #	DRIVER	TRUCK #	DRIVER
			<u>481</u>	<u>Casken</u>	<u>✓ Safety Meeting</u>	
			<u>6666</u>	<u>Gartko</u>	<u>✓</u>	
			<u>548</u>	<u>Mikhaa</u>	<u>✓</u>	
			<u>675</u>	<u>JasRic</u>	<u>✓</u>	

JOB TYPE longstring HOLE SIZE 5 5/8" HOLE DEPTH 999' CASING SIZE & WEIGHT 2 7/8" EUE  
 CASING DEPTH 959' DRILL PIPE \_\_\_\_\_ TUBING baffle - 930' OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 29'  
 DISPLACEMENT 5.38 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.5 bpm

REMARKS: held safety meeting, established ~~safe~~ circulation, mixed & pumped 100 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 1105 sks 5/8" Pozmix cement w/ 2% per sk cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 5.38 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	20 mi	MILEAGE		80.00
5402	959'	Casing footage		
5407	1/2 minimum	ten mileage		175.00
5502C	2 hrs	80 Vac		180.00
1124	1105 sks	5/8" Pozmix cement		1806.75
1188	377 #	Premium Gel		79.17
4402	1	2 1/2" rubber plug		28.00
			7.3%	SALES TAX
				ESTIMATED TOTAL
				139.72
				3518.64

Ravin 3737

AUTHORIZATION No Co. Rep on location 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

