KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1116268

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 ☐ 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:

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 #:

1/25/2013	1/28/2013	1/29/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21892-00-00
Spot Description:
S2 - S2 - N2 - SE Sec. 11 Twp. 15 S. R. 20 ☑ East ☐ West
1640 Feet from ☐ North / ☑ South Line of Section
1320 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
County: Douglas
Lease Name: Pearson Well #: I-24
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1071 Kelly Bushing: 0
Total Depth: 979 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 65 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: 65 w/ 30 sx cmt.

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: 02/18/2013

Side Two

[redacted]

1116268

Operator Name: R.T. Enterprises of Kansas, Inc. Lease Name: Pearson Well #: I-24

Sec. 11 Twp. 15 S. R. 20 ☑ 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 Wire-line 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
Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

GammaRay/Neutron/CCL

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

Name	Top	Datum
GammaRay		

CASING RECORD ☑ New ☐ 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	9	7	10	65	Portland	30	50/50 POZ
Completion	5.6250	2.8750	8	950	Portland	120	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
2	868-888	2" DML RTG	20

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
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Douglas County, KS
Well: Pearson I-24
Lease Owner: R.T. Enterprises

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

Commenced Spudding:
1/25/2013

WELL LOG

15-045-21892

Thickness of Strata	Formation	Total Depth
2	Soil-Clay	2
60	Sandstone	62
133	Shale	195
5	Lime	200
7	Shale	207
13	Lime	220
7	Shale	227
8	Lime	235
5	Shale	240
20	Lime	260
14	Shale	274
19	Sand	293
19	Lime	312
20	Sand	332
55	Shale	387
21	Lime	408
14	Shale	422
4	Lime	426
6	Lime	432
24	Shale	456
16	Lime	472
5	Shale	477
1	Lime	478
13	Shale	491
6	Lime	497
1	Lime	498
3	Lime	501
2	Shale	503
11	Lime	514
10	Shale	524
22	Lime	546
4	Shale	550
4	Lime	554
7	Shale	561
3	Lime	564
3	Shale	567
13	Sand	580
26	Shale	606
54	Sandy Shale	660
22	Shale	682

Douglas County, KS
Well: Pearson I-24
Lease Owner: R.T. Enterprises

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

Commenced Spudding:
1/25/2013

10	Sand	692
5	Sandy Shale	697
38	Shale	735
7	Lime	742
6	Shale	748
1	Lime	749
4	Shale	753
7	Shale	760
9	Lime	769
15	Shale	784
3	Lime	787
17	Shale	804
4	Lime	808
25	Shale	833
2	Lime	835
5	Shale	840
4	Sand	844
4	Sand	848
16	Sand	864
4	Sandy Lime	870
12	Sand	882
6	Sand	888
4	Broken Sand	892
5	Sandy Shale	897
82	Shale	979-TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.14xh

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 - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

Log Book

Well No. 1-24

Farm Peterson

KS (State) Douglas (County)

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

For A.T. Enterprises (Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Dawson Farm: Douglas County

KS State; Well No. 1-24

Elevation 1071

Commenced Spuding 1-25 20 13

Finished Drilling 1-28 20 13

Driller's Name Chad Weaver

Driller's Name

Driller's Name

Tool Dresser's Name Greg Downy

Tool Dresser's Name Cole Holcomb

Tool Dresser's Name

Contractor's Name TOS

11 15 20

(Section) (Township) (Range)

Distance from S line, 1626 ft.

Distance from E line, 1320 ft.

0971- GAS - 10MS

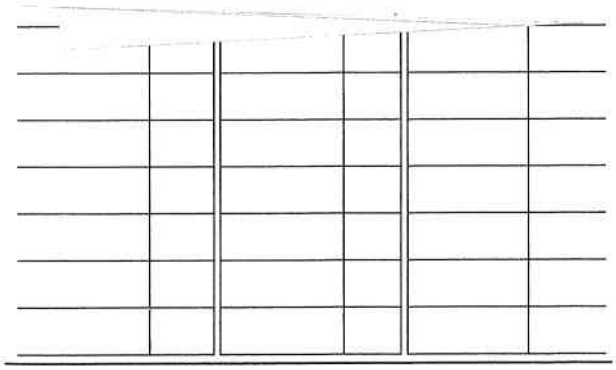
removed by Consolidated

CASING AND TUBING RECORD

10" Set		10" Pulled	
7 7/8" Set	65'	8" Pulled	
6¼" Set		6¼" Pulled	
4" Set		4" Pulled	
2" Set	950.05	2" Pulled	

918.05 P. Packer

974 TD



Thickness of Strata	Formation	Total Depth	Remarks
2	soil/clay	2	
60	sandstone	62	wet @ 30'
133	shale	195	
5	Lime	200	
7	shale	207	
13	Lime	220	
7	shale	227	
8	Lime	235	
5	shale	240	
20	Lime	260	
14	shale	274	
19	sand & sandy shale	293	no o.i
19	Lime & shells	312	
20	sand & sandy shale	332	no o.i
55	shale	387	
21	Lime	408	
14	shale	422	
4	Lime & shale	426	
6	Lime	432	
24	shale	456	
16	Lime	472	
5	shale	477	
1	Lime	478	
13	shale	491	
6	Lime	497	
1	Lime	498	o.i; very little bleeding
3	Lime	501	

501

Thickness of Strata	Formation	Total Depth	Remarks
2	shale	503	
11	Lime	514	
10	shale	524	
22	Lime	546	
4	shale	550	
4	Lime	554	
7	shale	561	
3	Lime	564	Newtha.
3	shale	567	
13	Sand	580	Sandy, no oil
26	shale	606	
54	Sand & shale	660	
22	shale	682	
10	Sand	692	
5	Sandy shale	697	
38	shale	735	
7	Lime	742	
6	shale	748	
1	Lime	749	
4	shale & Lime	753	
7	shale	760	
9	Lime & shale	769	
15	shale	784	
3	Lime	787	
17	shale	804	
4	Lime	808	
25	shale	833	

Thickness of Strata	Formation	Total Depth	Remarks
7	Lime	835	
5	shale	840	
4	sand	844	sme y, no o.i
4	sand	848	2%-5%, odor
16	sand	864	25% - 35% slight bleeding
4	sandy lime	870	10% o.i
12	sand	882	50% - 60%, good bleeding
6	sand	888	90% - solid o.i
4	Broken sand	892	50% o.i
5	sandy shale	897	no o.i
82	shale	979	TD

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 38755
LOCATION Ottawa
FOREMAN Alan Mader

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
1-25-13	5954	Pearson I-24	SE 11	15	20	DG

CUSTOMER: Quenroc
MAILING ADDRESS: 120 Shoreline Dr
CITY: Louisburg | STATE: KS | ZIP CODE: 66053

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Ala Mad	Safety	Meet
368	Kei Car	KC	
675	Mik Hag	MH	
548	Coar Moo	GM	

JOB TYPE Surface | HOLE SIZE 9 | HOLE DEPTH 68 | CASING SIZE & WEIGHT 7"
CASING DEPTH 65 | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING yes
DISPLACEMENT 1 1/2 | DISPLACEMENT PSI 100 | MIX PSI — | RATE 4 bpm

REMARKS: Held meeting. Established rate. Mixed & pumped 30 sk 50/50 cement plus 2% gel. Circulated cement. Displaced casing with clean water. Closed valve.

TOS, Chad

Alan Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	368		825.00
5406	—	MILEAGE	368		—
5402	65	Casing footage	368		—
5407	1/2 min	Ton miles	548		175.00
5502C	1 1/2	80 vac	675		135.00
1124	30	50/50 cement			328.50
1118B	50#	gel			10.50
				SALES TAX	24.75
				ESTIMATED TOTAL	1498.75

Ravin 3737

NO company rep
Jim OK'd

AUTHORIZTION _____ 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 forr

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 38771
LOCATION Ottawa
FOREMAN Alan Mader

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
1-28-13	5954	Pearson # T-24	SE 11	15	20	OG

CUSTOMER: Quest
MAILING ADDRESS: 120 Shoreline Dr
CITY: Louisburg | STATE: KS | ZIP CODE: 66053

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Ala Mad	Safety	Meet
368	Der Mas	DM	
675	Mik Hac	MH	
503	Dan Det	DD	

JOB TYPE Long string | HOLE SIZE 5 5/8 | HOLE DEPTH 979 | CASING SIZE & WEIGHT 2 7/8
CASING DEPTH 950 | DRILL PIPE | TUBING | OTHER 918 baffle
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING yes
DISPLACEMENT 5.3 | DISPLACEMENT PSI 800 | MIX PSI 200 | RATE 4 bpm

REMARKS: Held meeting. Established rate. Mixed & pumped 100# gel followed by 120 sk 50/50 cement plus 2% gel. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI for 30 min. NIT. Set float. Closed valve.

TOS, Chad

Alan Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368		1030.00
5406	20	MILEAGE	368		80.00
5402	950	casing footage	368		—
5407	1/2 min	ton miles	503		175.00
5502C	1 1/2	80 vac	675		135.00
1124	120	50/50 cement			1314.00
1118B	302#	gel			63.42
4402	1	2 1/2 plug			28.00
				SALES TAX	102.60
				ESTIMATED TOTAL	2928.02

Ravin 3737

No company rep
AUTHORIZTION Jim OK'd | 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.