1109183

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 # 32116
Name: R.T. Enterprises of Kansas, Inc.
Address 1: PO BOX 339
Address 2:
City: LOUISBURG State: KS Zip: 66053 + 0339
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 #:

1/9/2013	1/10/2013	1/11/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21858-00-00
Spot Description:
SE - NE - NE - SE Sec. 11 Twp. 15 S. R. 20 ☑ East ☐ West
2120 Feet from ☐ North / ☑ South Line of Section
200 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
County: Douglas
Lease Name: Pearson Well #: 36
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1092 Kelly Bushing: 0
Total Depth: 959 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 88 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: 88 w/ 45 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: 01/24/2013

Side Two

1109183

Operator Name: R.T. Enterprises of Kansas, Inc. Lease Name: Pearson Well #: 36

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	88	Portland	45	50/50 POZ
Completion	5.6250	2.8750	8	941	Portland	130	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

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
3	862.0-878.0	2" DML RTG	16

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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*	

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

Douglas County, KS
Well: Pearson 36
Lease Owner: R.T. Enterprises

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

Commenced Spudding:
1/9/2013

WELL LOG

15-045-21858-00-00

Thickness of Strata	Formation	Total Depth
5	Soil-Clay	5
73	Sandstone	78
136	Shale	214
5	Lime	219
6	Shale	225
13	Lime	238
8	Shale	246
9	Lime	255
5	Shale	260
18	Lime	278
14	Shale	292
5	Sand	297
3	Shale	300
13	Sand	313
18	Lime	331
15	Sandy Shale	346
59	Shale	405
23	Lime	428
17	Shale	445
6	Lime	451
24	Shale	475
15	Lime	490
6	Shale	496
1	Lime	497
13	Shale	510
7	Lime	517
2	Shale	519
15	Lime	534
8	Shale	542
22	Lime	564
5	Shale	569
4	Lime	573
4	Shale	577
5	Lime	582
5	Shale	587
10	Sand	597
28	Shale	625
15	Sand	640
15	Sandy Shale	655
45	Shale	700

Douglas County, KS
Well: Pearson 36
Lease Owner: R.T. Enterprises

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

Commenced Spudding:
1/9/2013

5	Sand	705
9	Sandy Shale	714
43	Shale	757
7	Lime	764
6	Shale	770
1	Lime	771
3	Shale	774
7	Shale	781
10	Lime	791
14	Shale	805
2	Lime	807
18	Shale	825
3	Lime	828
19	Shale	847
4	Lime	851
10	Shale	861
1	Sand	862
4	Sand	866
4	Sand	870
4	Sand	874
2	Sand	876
2	Sand	878
2	Sandy Shale	880
10	Sandy Shale	890
69	Shale	959-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. 13

Farm Pearson

KS (State) Douglas (County)

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

For RT Enterprises (Well Owner)

Town Oilfield Services, Inc.
1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Pawnee Farm: Douglas County

KS State; Well No. 36

Elevation 1062

Commenced Spuding 1-5, 2012

Finished Drilling _____, 20____

Driller's Name Chad Warner

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Cole Holcom

Tool Dresser's Name _____

Tool Dresser's Name _____

Contractor's Name TOS

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

Distance from S line, 2120 ft.

Distance from E line, 200 ft.

0905 - 0911 - 6 hrs

cemented by Consolidated

CASING AND TUBING RECORD

10" Set		10" Pulled	
7⅞" Set	88'	8" Pulled	
6¼" Set		6¼" Pulled	
4" Set		4" Pulled	
2" Set	941'4	2" Pulled	

910'4 Bc.Cole

9SC, TD

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.

Thickness of Strata	Formation	Total Depth	Remarks
5	soil / clay	5	
73	sandstone	78	water 45
136	shale	214	
5	Lime	219	
6	shale	225	
13	Lime	238	
8	shale	246	
9	Lime	255	
5	shale	260	
18	Lime	278	
14	shale	292	
5	sand	297	oil
3	shale	300	
13	sand	313	with some sand/shale, oil
18	Lime	331	
15	sand & shale	346	
59	shale	405	
23	Lime	428	
17	shale	445	
6	Lime	451	
24	shale	475	
15	Lime	490	
6	shale	496	
1	Lime	497	
13	shale	510	
7	Lime	517	
2	shale	519	

Thickness of Strata	Formation	Total Depth	Remarks
		519	
15	Lime	534	
8	shale	542	
22	Lime	564	
5	shale	569	
4	Lime	573	
4	shale	577	
5	Lime	582	Henrietta
5	shale	587	
10	sand	597	sassy, no oil
28	shale	625	
15	sand	640	with some sandy shale, no oil
15	sand & shale	655	
45	shale	700	
5	sand	705	sassy, no oil
9	sand & shale	714	
43	shale	757	
7	Lime	764	
6	shale	770	
1	Lime	771	
3	shale & Lime	774	
7	shale	781	
10	Lime & shale	791	
14	shale	805	
2	Lime	807	
18	shale	825	
3	Lime	828	
	shale	847	

Thickness of Strata	Formation	Total Depth	Remarks
14	Lime	851	
10	shale	861	
1	sand	862	2% oil odor
4	sand	866	60% - 70% light bleeding
4	sand	870	40% - solid ok bleeding
4	sand	874	40% - 50% oil
2	sand	876	10% - 15% oil
2	sand	878	5% broken
2	sandy shale	880	2% oil
10	sandy shale	890	no oil
64	shale	954	TD

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 39021
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
1/10/13		Pearson # 36	SE 11	15	20	DG

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

TRUCK #	DRIVER	TRUCK #	DRIVER
481	CasKen	✓ Safety Meeting	
666	GarMoo	✓	
558	BreMan	✓	
369	DerMas	✓	

JOB TYPE long string HOLE SIZE 5 5/8" HOLE DEPTH 959' CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 941' DRILL PIPE ____ TUBING baffle - 910' OTHER ____
SLURRY WEIGHT ____ SLURRY VOL ____ WATER gal/sk ____ CEMENT LEFT in CASING 31'
DISPLACEMENT 5.27 bbls DISPLACEMENT PSI ____ MIX PSI ____ RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 100# Premium Gel followed by 10 bbls fresh water, mixed + pumped sks 50/50 Pozmix cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 5.27 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	on lease	MILEAGE		—
5402	941'	casing footage		—
5407	1/2 minimum	ton mileage		175.00
5502C	3 hrs	80 Vac		270.00
1124	130 sks	50/50 Pozmix cement		1423.50
1118B	318 #	Premium Gel		66.78
4402	1	2 1/2" rubber plug		28.00
		7.3%	SALES TAX	110.83
			ESTIMATED TOTAL	3104.11

Ravin 3737

AUTHORIZTION No Co. Rep. on location 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.

255801