



KANSAS CORPORATION COMMISSION 1107280
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 #:

12/27/2012	12/28/2012	12/28/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21846-00-00

Spot Description:
NE SE NW SE Sec. 11 Twp. 15 S. R. 20 East West
1800 Feet from North / South Line of Section
1480 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Douglas
Lease Name: Pearson Well #: 26
Field Name: Baldwin

Producing Formation: Squirrel
Elevation: Ground: 1077 Kelly Bushing: 0
Total Depth: 980 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 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: 01/23/2013

1107280

Operator Name: R.T. Enterprises of Kansas, Inc. Lease Name: Pearson Well #: 26
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: GammaRay/Neutron/CCL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum GammaRay
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	922	Portland	131	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
3	870-890	2" DML RTG	20

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify)	PRODUCTION INTERVAL:
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Douglas County, KS
Well: Pearson 26
Lease Owner: R. T. Enterprises

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

Commenced Spudding:
12/27/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-5	Soil-Clay	5
68	Sand	73
2	Lime	75
131	Shale	206
5	Lime	211
7	Sandy Shale	218
13	Lime	231
7	Shale	238
9	Lime	247
4	Shale	251
19	Shale	270
3	Shale	273
7	Shale	280
24	Sand	304
18	Lime	322
16	Sand	338
58	Shale	396
22	Lime	418
13	Shale	431
4	Shale	435
9	Lime	444
23	Shale	467
17	Lime	484
4	Shale	488
1	Lime	489
13	Shale	502
24	Lime	526
8	Shale	534
23	Lime	557
5	Shale	562
4	Lime	566
3	Shale	569
5	Lime	574
117	Shale	691
3	Sandy Shale	694
10	Sand	704
45	Sandy Shale	749
7	Lime	756
5	Shale	761
2	Lime	763

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 $SPM \times d$

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

Log Book

Well No. 26

Farm Pearson

KS Douglas
(State) (County)

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

For R.T. Enterprises
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Pearson Farm: Douglas County

KS State: Well No. 26

Elevation 1077

Commenced Spuding Dec 27 20 12

Finished Drilling Dec 28 20 12

Driller's Name Wesley Dollard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

11 15 20

(Section) (Township) (Range)
Distance from S line, 1800 ft.
Distance from E line, 1480 ft.
a hrs

CASING AND TUBING MEASUREMENTS

Table with 6 columns: Feet, In., Feet, In., Feet, In. Handwritten entries include 922.1, 13 1/2 ft, 954.6, and 27 1/8.

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
8" Set _____ 8" Pulled _____
7 3/4" Set 88 6 1/2" Pulled _____
4" Set _____ 4" Pulled _____
2" Set _____ 2" Pulled _____

Thickness of Strata	Formation	Total Depth	Remarks
0.5	soil-clay	5	
68	sand	73	40' - water
2	Lime	75	
131	shale	206	
5	Lime	211	
7	sandy shale	218	
13	Lime	231	
7	shale-slate	238	
9	Lime	247	
4	shale	251	
19	shale & shells	270	
3	shale & lime	273	
7	shale & redbed	280	
24	sand & sandy shale	304	no oil
18	Lime-shells	322	
16	sand & sandy shale	338	no oil
58	shale	396	
22	Lime	418	
13	shale	431	
4	shale & lime	435	
9	Lime	444	
23	shale	467	
17	Lime	484	
4	shale	488	
1	Lime	489	
13	shale	502	
24	Lime	526	

526

Thickness of Strata	Formation	Total Depth	Remarks
8	shale - slate	534	
23	Lime	557	
5	shale - slate	562	
4	Lime	566	
3	shale	569	
5	Lime	574	
117	shale	691	Heitha
3	sandy shale	694	
10	sand	704	no Oil
45	sandy shale	749	
7	Lime	756	
5	shale	761	
2	Lime	763	
3	shale & lime	766	
9	shale	775	
3	Lime	778	
19	shale	797	
3	Lime	800	
19	shale	819	
2	Lime	821	
1	shale	822	
1	Lime	823	
24	shale - redbed	847	
3	Lime	850	
14	shale	864	
9	sandy shale	873	
3	sand	876	broken - good Oil



CONSOLIDATED
Oil Well Services, LLC

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

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 39060

LOCATION Ottawa KS

FOREMAN Fred Maden

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/28/12		Pearson # 26	SE 11	15	20	06
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Oienroc			506	Fred Mad	Safety	Wdy
MAILING ADDRESS			495	NarBac	11B	
120 Shoreline Dr.			369	DerMas	DM	
CITY	STATE	ZIP CODE	510	SetTuc	ST	
Louisburg	KS	66053				
JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT			
Long String	5 7/8	954	2 7/8 SUE			
CASING DEPTH	DRILL PIPE	TUBING	OTHER			
922						
SLURRY WEIGHT	SLURRY VOL	WATER gall/sk	CEMENT LEFT in CASING			
			2 1/2' Plug			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			
536 BBL			5 BPM			

REMARKS: Establish circulation Mix & Pump 100' Gel Flush. Mix Pump
131 sks 50/50 Por. Mix Cement 2% Gel. Cement to Surface.
Flush pump & lines clean. Displace 2 1/2" Rubber plug to
casing TD. Pressure to 800 # PSI. Release pressure to
set float valve. Shut in casing.

TOS Drilling - Wesley

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1030 ⁰⁰
5406	25 mi	MILEAGE	495	100 ⁰⁰
5402	922	Casing Footage		N/C
5407	1/2 minimum	Ten Miles	510	175 ⁰⁰
5502C	2 hrs	80 BBL Vac Truck	369	180 ⁰⁰
1124	1131 sks	50/50 Por. Mix. Cement		1434 ⁴⁵
1180	320#	Premium Gel		67 ²⁰
4402	1	2 1/2" Rubber Plug		28 ⁰⁰
SCANNED				
			7.3%	SALES TAX
				ESTIMATED
				TOTAL
				111 ⁶⁵
				3126 ³¹

Ravin 3737

AUTHORIZATION Wesley Ballard

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.

