



KANSAS CORPORATION COMMISSION 1106976
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 #: _____

<u>12/6/2012</u>	<u>12/7/2012</u>	<u>12/10/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-059-26316-00-00
Spot Description: _____
NW SW SW_NW Sec. 8 Twp. 16 S. R. 21 East West
3135 Feet from North / South Line of Section
5115 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Franklin
Lease Name: South Fiehler Well #: 50
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: 965 Kelly Bushing: 0
Total Depth: 760 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: 21 w/ 3 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 Gamson Date: 01/09/2013



1106976

Operator Name: R.T. Enterprises of Kansas, Inc. Lease Name: South Fiehler Well #: 50
 Sec. 8 Twp. 16 S. R. 21 East West County: Franklin

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	21	Portland	3	50/50 POZ
Completion	5.6250	2.8750	8	736	Portland	112	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
3	660-670	2" DML RTG	10

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
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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Franklin County, KS
 Well: S. Fiehler 50
 Lease Owner: R. T. Enterprises

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

Commenced Spudding:
 12/4/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-13	Soil-Clay	13
5	Lime	18
1	Shale	19
18	Lime	37
7	Shale	44
11	Lime	55
6	Shale	61
20	Lime	81
40	Shale	121
18	Lime	139
15	Sand	165
62	Sandy Shale	216
23	Lime	239
6	Shale	245
8	Sand	253
5	Shale	258
4	Shale	262
3	Shale	265
6	Lime	271
25	Shale	296
6	Lime	302
13	Shale	315
1	Lime	316
15	Shale	331
7	Lime	338
2	Shale	340
13	Lime	353
9	Shale	362
3	Shale	365
20	Lime	385
4	Shale	389
5	Lime	394
2	Shale	396
5	Lime	401
4	Shale	405
3	Shale	408
6	Sandy Shale	414
101	Shale	515
5	Sand	520
38	Sandy Shale	558

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. 50

Farm South Fiehler

KS Franklin
 (State) (County)

8 16 21
 (Section) (Township) (Range)

For R.T. Enterprises
 (Well Owner)

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

Thickness of Strata	Formation	Total Depth	Remarks
0-13	Soil-clay	13	
5	Lime	18	
1	Shale	19	
18	Lime	37	
7	Shale	44	
11	Lime	55	
6	Shale	61	
20	Lime	81	
40	Shale	121	
18	Lime	139	
15	Sand	154	
62	sandy shale	216	grey - no Oil
23	Lime - shells	239	
6	Shale	245	
8	sand	253	
5	Shale	258	grey - no Oil
4	shale & lime	262	
3	Shale	265	
6	Lime	271	
25	Shale	296	
6	Lime	302	
13	Shale	315	
1	Lime	316	
15	Shale	331	
7	Lime	338	
2	Shale	340	
13	Lime	353	

353

Thickness of Strata	Formation	Total Depth	Remarks
9	shale - slate	362	
3	shale & lime	365	
20	Lime	385	
4	shale - slate	389	
5	Lime	394	
2	shale	396	
5	Lime	401	
4	shale	405	Heitha
3	shale & lime	408	
6	sandy shale	414	
101	shale	515	
5	sand	520	no Oil
38	sandy shale	558	
2	shale & lime	560	
6	shale	566	
8	Lime	574	
7	shale	581	
7	Lime	588	
8	coal - slate	596	
7	shale & lime	603	
13	shale	616	
2	Lime	618	
7	shale	625	
4	Lime	629	
7	shale	636	
1	Lime	637	
10	shale	647	

