



KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1109860

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 # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date           Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

\_\_\_\_\_ Feet from ☐ North / ☐ South Line of Section

\_\_\_\_\_ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE      ☐ NW      ☐ SE      ☐ SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

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

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

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

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

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

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

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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: \_\_\_\_\_ Date: \_\_\_\_\_

1109860

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West County: \_\_\_\_\_

**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:

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

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

## 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

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 (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Douglas County, KS

Town Oilfield Service, Inc.

Commenced Spudding:

Well: Pearson 27

(913) 837-8400

1/10/2013

Lease Owner: R.T. Enterprises

## WELL LOG

15-045-21847-00-00

Thickness of Strata	Formation	Total Depth
0-4	Soil-Clay	4
64	Sand	68
131	Shale	199
5	Lime	204
6	Sandy Shale	210
14	Lime	224
7	Shale	231
9	Lime	240
4	Shale	244
19	Shale	263
26	Sandy Shale	289
9	Sand	298
18	Lime	316
5	Sandy Shale	321
14	Sand	335
56	Shale	391
22	Lime	413
13	Shale	426
5	Shale	431
6	Lime	437
23	Shale	460
17	Lime	477
4	Shale	481
1	Lime	482
14	Shale	496
22	Lime	518
8	Shale	526
24	Lime	550
3	Shale	553
4	Lime	557
4	Shale	561
5	Lime	566
119	Shale	685
8	Sand	693
10	Sandy Shale	703
35	Shale	738
7	Lime	745
5	Shale	750
2	Lime	752
13	Shale	765

Commenced Spudding:  
1/10/2013

# 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. 27

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

10 hrs

2" Set                      2" Pulled

Thickness of Strata	Formation	Total Depth	Remarks
0-4	soil clay	4	
64	sand	68	
131	shale	199	
5	lime	204	
6	sandy shale	210	
14	lime	224	
7	shale & slate	231	
9	lime	240	
4	shale	244	
19	shale & shells	263	
26	sandy shale	289	
9	sand & sandy shale	<del>298</del>	298 no oil
18	lime & shells	316	
5	sandy shale	321	
14	sand & sandy shale	335	no oil
56	shale	391	
22	lime	413	
13	shale	426	
5	shale & lime	431	
6	lime	437	
23	shale	460	
17	lime	477	
4	shale	481	
1	lime	482	
14	shale	496	
22	lime	518	slight show
8	shale	526	



524

Thickness of Strata	Formation	Total Depth	Remarks
24	Lime	550	
3	shale - slate	553	
4	Lime	557	
4	shale	561	
5	Lime	566	Heitha
119	shale	685	
8	sand	693	no Oil
10	sandy shale	703	
35	shale	738	
7	Lime	745	
5	shale	750	
2	Lime	752	
13	shale & lime	765	
2	Lime	767	
20	shale & lime	787	
3	Lime	790	
18	shale	808	
2	Lime	810	
27	shale & redbed	837	
1	Lime	838	
3	shale	841	
2	sandy shale	843	
1	sand & lime	844	no Oil
6	sand	850	no Oil
6	sand	856	broken 25% Oil
2	sand	858	solid
16	sand	874	broken 75% Oil



874

[illegible]



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

TICKET NUMBER 38733  
LOCATION Ottawa  
FOREMAN Alga. Maden

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
1-11-23		Pearson 27		SE 11	15	20	D6
CUSTOMER Drenroc				TRUCK #			
MAILING ADDRESS 120 Shoreline Dr				DRIVER			
CITY	STATE	ZIP CODE		TRUCK #			
Louisburg	KS	66053		DRIVER			
JOB TYPE long string		HOLE SIZE 5 5/8	HOLE DEPTH 280	CASING SIZE & WEIGHT 2 3/8			
CASING DEPTH 952		DRILL PIPE	TUBING	OTHER 922 baffle			
SLURRY WEIGHT		SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING yes			
DISPLACEMENT 5.4		DISPLACEMENT PSI 800	MIX PSI 200	RATE 46 gpm			

REMARKS: Held meetings. Established rate. Mixed & pumped 100 # gel followed by 137 sk 50/52 cement plus 2% gel. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float. Closed valve.

TOS, Wes

A. C. Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1030.00
5406	20	MILEAGE	368	80.00
5402	952	casing footage	368	-
5407	1/2 min	ten miles	548	175.00
5502C	1 1/2	80 vac	875	133.00
1124	137	50/50 cement		1500.15
118B	330 #	seal		69.30
4402	1	2 1/2 plyg		28.00
			SALES TAX	111.61

Ravin 3737

No rep on site

## AUTHORIZATION

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.

255805





FIELD TICKET & TREATMENT REPORT  
CEMENT

TICKET NUMBER 38733  
LOCATION Ottawa  
FOREMAN Alga. Maden

DATE	CUSTOMER #	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
1-11-23		Pearson 27		SE 11	15	20	06
CUSTOMER Drenroc							
MAILING ADDRESS 120 Shoreline Dr							
CITY Louisburg		STATE KS	ZIP CODE 66053				
JOB TYPE long string		HOLE SIZE 5 7/8	HOLE DEPTH 280	CASING SIZE & WEIGHT 2 3/8			
CASING DEPTH 952		DRILL PIPE	TUBING	OTHER 922 haffle			
SLURRY WEIGHT		SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING yes			
DISPLACEMENT 5.4		DISPLACEMENT PSI 800	MIX PSI 200	RATE 46pm			

REMARKS: Held meetings. Established rate. Mixed & pumped 100 # gel followed by 137 sk 50652 cement plus 29% gel. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float. Closed valve.

TOS, WRS

A. C. Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
3401	1	PUMP CHARGE	368	1030.02
5406	20	MILEAGE	368	80.00
5402	952	casing footage	368	-
5407	1/2 min	ton miles	548	125.00
5502	1 1/2	80 vac	B75	135.00
1124	137	50/50 cement		1500.15
118B	330 #	spl		69.30
4402	1	2 1/2 plyg		28.00
			SALES TAX	111.61

Rayin 3737

no rep on site

### AUTHORIZATION

Jim OK'd

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DATE \_\_\_\_\_

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