



KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1109183

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  
Recompletion Date

Date Reached TD

Completion Date or  
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: \_\_\_\_\_

1109183

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  
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-Cr	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

Lease Owner: R.T. Enterprises

(913) 837-8400

1/9/2013

[illegible]

# 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 -  $\text{RPM} \times d$  over  $\text{SPM} \times R$

d -  $\text{SPM} \times R \times D$  over RPM

SPM -  $\text{RPM} \times D$  over  $R \times d$

R -  $\text{RPM} \times D$  over  $\text{SPM} \times d$

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

\* Need these to figure belt length

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

746 WATTS equal 1 HP

# Log Book

Well No. 36

Farm Pearson

KS Douglas  
(State) (County)

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

For RT Enterprises  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East  
Louisburg, KS 66053  
913-710-5400

Pearson Farm: Douglas County

K2 State; Well No. 36

Elevation 1060

Commenced Spuding 1-9, 2012

Finished Drilling \_\_\_\_\_, 20\_\_\_\_

Driller's Name Chad Weaver

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 12 20

(Section)                  (Township)                  (Range)

Distance from S line, 2120 ft.

Distance from E line, 200 ft.

00105 - 00114 - 9/1/58

controlled by Consolidated  
**CASING AND TUBING  
RECORD**

10" Set \_\_\_\_\_ 10" Pulled \_\_\_\_\_

7.8" Set 58' 8" Pulled           

6¼" Set \_\_\_\_\_ 6¼" Pulled \_\_\_\_\_

4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_

2" Set 9141 2" Pulled           

910<sup>4</sup> B-CCle  
959, 70

## CASING AND TUBING MEASUREMENTS

[illegible]

Thickness of Strata	Formation	Total Depth	Remarks
5	20.1 clay,	5	
73	sandstone	78	water cut
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	no oil
3	shale	300	
13	sand	313	with some sandy shale, no oil
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	



519			
Thickness of Strata	Formation	Total Depth	Remarks
15	Lime	534	
8	shale	542	
22	Lime	564	
5	shale	569	
4	Lime	573	
4	shale	577	
3	Lime	582	Handia
5	shale	587	
10	sand	597	gray, no oil
28	shale	625	
15	sand	640	with some sandy shale, no oil
15	sandy shale	655	
45	shale	700	
5	sand	705	gray, no oil
9	sandy 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	



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[illegible]



**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 39021  
LOCATION Chanute, KS  
FOREMAN Casey Kennedy

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/10/13		Pearson # 3C	SE 11	15	20	DG
CUSTOMER <u>Ojenroc</u>						
MAILING ADDRESS <u>120 Shoreline Dr</u>						
CITY <u>Louisburg</u>	STATE <u>KS</u>	ZIP CODE <u>66053</u>				
JOB TYPE <u>land string</u>			HOLE SIZE <u>5 7/8"</u>			
CASING DEPTH <u>941'</u>			HOLE DEPTH <u>959'</u>			
SLURRY WEIGHT			SLURRY VOL			
DISPLACEMENT <u>5.27 bbls</u>			DISPLACEMENT PSI			
REMARKS: <u>held safety meeting, established circulation, mixed + pumped 100 # Premium Gel followed by 10 bbls fresh water, mixed + pumped 50 # Pozmix cement w/ 2 1/2" rubber plug 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.</u>						

ACCOUNT CODE	QUANTITY 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 # Pozmix cement		1423.50
1118B	318 #	Premium Gel		166.78
4402	1	2 1/2" rubber plug		28.00
			7.3%	SALES TAX
				ESTIMATED
				TOTAL
				3104.11

Rev'n 3737

AUTHORIZATION 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