



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
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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: _____



1116222

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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

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
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Douglas County, KS
 Well: Pearson I-23
 Lease Owner: R.T. Enterprises

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

Commenced Spudding:
 1/23/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
3	Soil-Clay	3
56	Sandstone	59
4	Sandy Lime	63
10	Sandstone	73
128	Shale	201
5	Lime	206
6	Shale	212
14	Lime	226
7	Shale	233
9	Lime	242
8	Shale	247
19	Lime	266
13	Shale	279
19	Sand	298
18	Lime	316
19	Sand	335
56	Shale	391
22	Lime	413
14	Shale	427
4	Lime	431
6	Lime	437
23	Shale	460
16	Lime	476
5	Shale	481
1	Lime	482
14	Shale	496
18	Lime	514
2	Shale	516
4	Lime	520
8	Shale	528
22	Lime	550
4	Shale	554
4	Lime	558
4	Shale	562
5	Lime	567
5	Shale	572
14	Sand	586
26	Shale	612
7	Sandy Shale	619
10	Sand	629

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. 1-23

Farm Peanson

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. 1-23

Elevation 1077

Commenced Spuding 1-23, 2013

Finished Drilling 1-25, 2013

Driller's Name Chad Weaver

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Greg Perry

Tool Dresser's Name _____

Tool Dresser's Name _____

Contractor's Name IOS

11 15 20

(Section) (Township) (Range)

Distance from S line, 1960 ft.

Distance from E line, 1000 ft.

0956 - 0971 - 10th

BUCKEYE SUPPLY PIPE TALLEY

Cemented by Consolidated

CASING AND TUBING

RECORD

10" Set _____ 10" Pulled _____

7 7/8" Set 92.2 8" Pulled _____

6 1/4" Set _____ 6 1/4" Pulled _____

4" Set 951.85 4" Pulled _____

2 7/8" Set 919.85 979 TB Pulled _____

Thickness of Strata	Formation	Total Depth	Remarks
3	soil/clay	3	
56	sandstone	59	water - 40'
4	sandy Lime	63	
10	sandstone	73	
128	shale	201	
5	Lime	206	
6	shale	212	
14	Lime	226	
7	shale	233	
9	Lime	242	
5	shale	247	
19	Lime	266	
13	shale	279	
19	sand & sand shale	298	no oil
18	lime & shell	316	
19	sand & sandy shale	335	no oil
56	shale	391	
22	Lime	413	
14	shale	427	
4	Lime & shale	431	
6	Lime	437	
23	shale	460	
16	Lime	476	
5	shale	481	
1	Lime	482	
14	shale	496	
18	Lime	514	

514

Thickness of Strata	Formation	Total Depth	Remarks
2	shale	516	
4	Lime	520	
8	shale	528	
22	Lime	550	
4	shale	554	
4	Lime	558	
4	shale	562	
5	Lime	567	Harder
5	shale	572	
14	sand	586	gray, no oil
26	shale	612	
7	sandy shale	619	
10	sand	629	gray, no oil
31	sandy shale	660	
25	shale	685	
12	sand	697	gray, no oil
5	sandy shale	702	
37	shale	739	
6	Lime	745	
6	shale	751	
1	Lime	752	
4	shale + lime	756	
9	shale	765	
8	Lime & shale	773	
14	shale	787	
3	Lime	790	
18	shale	808	



CONSOLIDATED
Oil Well Services, LLC

256289

TICKET NUMBER 38754

LOCATION Ottawa

FOREMAN Alan Mader

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
1-25-13	5954	Pearson I-23	SE 11	15	20	DG
CUSTOMER <u>Otenroc</u>			TRUCK #		DRIVER	
MAILING ADDRESS <u>120 Shoreline Dr</u>			516		Alan Mader	
CITY <u>Louisburg</u>			368		K.C.	
STATE <u>KS</u>			675		Mik Hag	
ZIP CODE <u>66233</u>			548		Gar Mao	
JOB TYPE <u>log string</u>			HOLE SIZE <u>5 5/8</u>	HOLE DEPTH <u>979</u>	CASING SIZE & WEIGHT <u>2 7/8</u>	
CASING DEPTH <u>951</u>			DRILL PIPE	TUBING	OTHER <u>9 1/2 baffle</u>	
SLURRY WEIGHT			SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>Yes</u>	
DISPLACEMENT <u>5.3</u>			DISPLACEMENT PSI <u>800</u>	MIX PSI <u>200</u>	RATE <u>46 bpm</u>	
REMARKS: <u>Held meeting. Established rate. Mixed & pumped 100# gel followed by 124 sk 50/50 cement plus 2% gel. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI for 30 minute M.T. Got float. Closed valve.</u>						

TDS, Chad

Alan 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	951	casing footage	368	—	
5407	1/2 min	ton miles	548	175.00	
5502C	1 1/2	80 vac	675	135.00	
1124	124	50/50 cement		1357.80	
118B	308#	gel		64.68	
4402	1	2 1/2 plug		28.00	
				SALES TAX	105.88
				ESTIMATED TOTAL	2976.36

completed

Fravin 9737

NO company rep

AUTHORIZATION

Jim Okid

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.



CONSOLIDATED
Oil Well Services, LLC

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

256219

TICKET NUMBER 38751

LOCATION Ottawa

FOREMAN Alan Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-23-13	5954	Pearson I-23	SE 11	15	20	06
CUSTOMER			TRUCK #			
Dienroc			56	Alan Mad Safety	MEET	
MAILING ADDRESS			368	Ke:Car	KC	
f. 180 ^o Shoreline Dr			675	M:Khas	MH	
CITY			503	Dan Det	DD	
Louisburg						
STATE			HOLE SIZE			
KS			9			
ZIP CODE			HOLE DEPTH			
66653			96			

JOB TYPE Surface HOLE SIZE 9 HOLE DEPTH 96 CASING SIZE & WEIGHT 7"
 CASING DEPTH 92 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING Yes
 DISPLACEMENT 3 DISPLACEMENT PSI 100 MIX PSI _____ RATE 4 bpm

REMARKS: Held meeting. Established circulation. Mixed & pumped 29 sk 50/150 cement plus 270 gal. Circulated cement. Displaced casing with clean water. Closed valve.

TOG Chad

Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE		
5406	—	MILEAGE	368	825.00
5402	92	Casing footage	368	—
5407	1/2 mi.	for miles	368	—
5502C	1/2	80 vac	503	175.00
			675	735.00
1124	29	50/150 cement		317.55
1118B	49#	gel		10.29

completed

Flavin 3737

AUTHORIZATION NO company rep
Jim DK'd

TITLE _____ SALES TAX 23.93
ESTIMATED TOTAL 1486.77

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or account records, at our office, and conditions of service on the back of this form are in effect for _____ DATE _____