

### Kansas Corporation Commission Oil & Gas Conservation Division

1108965

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	

#### **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 Approved by: Date:

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart( well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-o		ermediate, producti	<u> </u>		
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 / SQL	 JEEZE RECORD			
Purpose:  —— Perforate  —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Deider Blue	- O-4/T	Asid Fro	cture, Shot, Cemen	t Causana Dagar	
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Submit )	4CO-5) (Sub	mit ACO-4)		_

Douglas County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Pearson 24 (913) 837-8400 12/19/2012

Lease Owner: R.T Enterprises

12/19/2012

### WELL LOG

15-045-21844-00-00

Thickness of Strata	Formation	Total Depth
0-10	Soil-Clay	10
80	Sand	91
123	Shale	213
5	Lime	218
6	Sandy Shale	224
14	Lime	238
7	Shale	245
9	Lime	254
5	Shale	259
18	Shale	277
13	Shale	290
21	Sand	311
18	Lime	329
15	Sand	344
59	Shale	403
23	Lime	426
12	Shale	438
6	Shale	444
7	Lime	451
22	Shale	473
17	Lime	490
5	Shale	495
1	Lime	496
13	Shale	509
22	Lime	531
9	Shale	540
23	Lime	563
4	Shale	567
4	Lime	571
4	Shale	575
4	Lime	579
117	Shale	696
9	Sand	705
5	Sandy Shale	710
42	Shale	752
6	Lime	758
5	Shale	763
2	Lime	765
6	Shale	771
6	Shale	777

## Douglas County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Pearson 24 (913) 837-8400 12/19/2012

Lease Owner: R.T Enterpris⊖s

	A STATE OF THE STA	
11	Shale	788
12	Shale	800
3	Lime	803
18	Shale	821
3	Lime	824
26	Shale	850
1	Lime	851
3	Shale	854
7	Sandy Shale	861
3	Sand	864
8	Sand	872
7	Sand	879
19		
	Core	898
14	Sand	912
88	Shale	1000-TD
	**	
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	Core	
		879
12	Sand	891
7	Sand	898
	1//	

### **Short Cuts**

TANK CAPACITY

BBLS. (42 gal.) equals D<sup>2</sup>x.14xh 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 - RPMxd over SPMxR

d - SPMxRxI) over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

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

\* Need these to figure belt length

.

TO FIGURE AMPS:

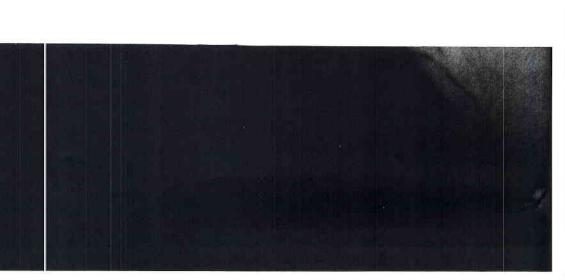
WATTS = AMPS

746 WATTS equal 1 HP

# Log Book

# Town Oilfield Services, Inc.

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



Pearson Farm: Douglas County  ES State; Well No. 24	CASING AND TUBING MEASUREMENTS
Elevation / O G	Feet In. Feet In. Feet In.
Samuel Souding Dec 19 20/2	931.8 Battle
Finished Drilling	968 Float 27
Driller's Name Wesley Dollard	160 410001 2/8
Driller's Name	
Driller's Name	
Tool Dresser's Name Kyan Ward	
Tool Dresser's Name Colt Stone	
Tool Dresser's Name	
Contractor's Name	
11 15 20	
(Section) (Fownship) (Range)	
Distance from $\frac{5}{E}$ line, $\frac{20}{1160}$ ft.	
Distance from line, ft.	
LCORE	
15 hrs	
CASING AND TUBING	
RECORD	
RECORD	
10" Set 10" Pulled	
8" Set 8" Pulled	
764" Set 94 61/4" Pulled	
4" Set 4" Pulled	
2" Set 2" Pulled	e1e

Thickness of Strata	Formation	Total Depth	Remarks
0-10	Soil-clay	10	
80	Sanol /	90	60 - water
123	Shale	213	
5	Liver	218	
تها	sandy shell	224	
14	Lime	238	
7	shale- slate	245	
9	Lime	254	
5	Shale	259	
18	shale & shells	277	
13	shal-e	290	
21	sand & Sundy Shale	311	no 0;1
18	lime & shells	32g	
15	Sand & sand shell	344	no bil
59	Shale	403	
23	Lime	426	
12	Shale	438	
le	shale & lime	444	
7	Lime	451	
22	Shale	473	
17	Lime	490	
3	shale	445	
	Lime	496	
13	Shale	509	
22	Lime	MAGA!	531
9	Shabe-slate	540	
	Line	563	
	-2-		-3-

		J U 3	
Thickness of Strata	Formation	Total Depth	Remarks
4	Shale-Slate	567	
4	Lince	571	
4	shale	575	
-4	Lime	579	Hesther
117	Shale	696	
9	Sand	705	no 0:1
5	Sandy Shale	710	
42	Shale	752	
4	Lime Shale	758	
5	3hale	763	
2	Line	765	17
6	Sha ed line	771	X
6	Shale	777	
11	shale & lime	788	
12	Shale	800	
3	Lime	803	
146	Shale	821	
3	Lime	824	
26	Shale	850	
1	Lime	851	
3	Shale	854	
7	Southy Shale	861	
3	Sancl	864	No Dil
5	Sand	872	bicken 25% 011.
7	Sand	879	broken - mostly solid
19	Core	898	
14	Sand	912	solid oil
127	-4-		-5-

-4-

-5-

		912	
Thickness of Strata	Formation	71.2 Total Depth	Remarks
88	Shale	1000	TD
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core

	CO 1 C		
Thickness of	Formation	Total Depth	Remarks
Strata		879	
12	Sand	891	broken - mostly solid
7		498	solid
	Sanol	0 (0	
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39007 TICKET NUMBER LOCATION Offewa FOREMAN Carey Kenned

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

### FIELD TICKET & TREATMENT REPORT

CEMENT WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY CUSTOMER# DATE TE 11 12/19/12 Pearson # 24 CUSTOMER TRUCK# DRIVER TRUCK# DRIVER MAILING ADDRESS 481 Shoreline ZIP CODE CITY STATE 66053 20#/4 HOLE DEPTH CASING SIZE & WEIGHT HOLE SIZE OTHER 94 TUBING CASING DEPTH\_ DRILL PIPE CEMENT LEFT In CASING 12.5 SLURRY VOL WATER gal/sk\_ SLURRY WEIGHT 366s DISPLACEMENT DISPLACEMENT PSI MIX PSI

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	J	PUMP CHARGE		825,00
5406	on lease	MILEAGE .		
5402	941	casing footage		
5407	1/2 minimum	you mileage		175,00
5502C	1.5 hrs	80 Vac		135.00
11011	450	50/ D		400 70
1124	48 sks	50/50 Poznix cement		492,75
11183	76 #	Premium Gel	***	15.96
				14
	100 300	SCANNED		
				37.14
avin 3737		7,3%	SALES TAX	H00000
			ESTIMATED	11 0- 0-

AUTHORIZTION No Co. Repar location TOTAL 1680.83 I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's

I acknowledge that the payment terms, unless specifically amended in writing on the front online 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 to

A	CONSOLIDATED OU WALL SANGER, LLG
	25th 733th share 14 and 1

TICKET NUMBER	39033
LOCATIONS +14	iwg
FOREMAN ala	40 0

FIELD TICKET & TREATMENT REPORT

	800-467-8676	1000	NAME & NUMBER	MENT	TOWNSHIP	RANGE	COUNTY
DATE (	CUSTOMER#			SF 11	13	20	06
21-12		Pearson	1 407			CHAPTER STATE	5-45
STOMER				TRUCK#	DRIVER	TRUCK#	DRIVER
LING ADDRES	S		7.	516	Ha Mad	Safety	Meet
120 51	poreline	20/	#! b	368	Armed	ABM	
Y	0/0/100	STATE	ZIP CODE	675	KeiDet	KO	4 6
outsbur	_ VP 24	KS	66053	558	BreNan	BM	
	- atolac	HOLE SIZE	5 5/8 HOLE	DEPTH_ 1000_	CASING SIZE & V		8
TYPE 164	918	DRILL PIPE	TUBI	NG		OTHER Dan	Ole 908
SING DEPTH_		SLURRY VOL	WAT	ER gal/sk	CEMENT LEFT In	CASING	25
JRRY WEIGHT		DISPLACEMENT	FEST 800 MIXE	si_200	RATE 460.	n i	
PLACEMENT	10 - 00	v neet		hed rate A	1:xed & p	umpod	1 100
MARKS: //	10 CHOU	16H	CK 501	50 cement	plus 2	75 801	,
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ACCOUNT	QUANT	Y or UNITS.	DESCRI	PTION of SERVICES or F	PRODUCT	UNIT PRICE	TOTAL
	CUANII						
CODE			<u> </u>			2 54	1030.1
5401			PUMP CHARGE		368		1030.0
		20	PUMP CHARGE MILEAGE	PA	368 368		1030.0
				footage	363 368 368		80,00
		20 968 mla	MILEAGE  Casins  Jon m	footage; les	368 368 368 358	2 .4	175.0
5401 5406 5402 5407		20	MILEAGE Casins	footase; les	363 368 368		80,00
		20 968 mla	MILEAGE  Casins  Jon m	footage ; le 5	368 368 368 358		175.0
5401 5406 5402 5407		20 968 mla	MILEAGE  Casins  Jon m  80 vac	iles	368 368 368 358		175.4
5401 5406 5402 5407 5502C		20 968 Maria	MILEAGE  Casins  Jon m	iles	368 368 368 358		175.0
5401 5406 5402 5407 5502C	15 15	20 968 2 mla	Ton m 80 Vac	iles	368 368 368 358		175.00
5401 5406 5402 5407 5502C	15 15	20 968 Maria	IMILEAGE  Casins  Jon m  80 Jac  50/50 C	iles	368 368 368 358		175.4
5401 5406 5402 5407 5502C	15 15	20 968 2 mla	Ton m 80 Vac	iles	368 368 368 358		175.00
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5401 5406 5402 5407 5502C	15 15	20 968 2 mla	IMILEAGE  Casins  Jon m  80 Jac  50/50 C	enest	368 368 368 358		175.00
5401 5406 5402 5407 5502C	15 15	20 968 2 mla	IMILEAGE  Casins  Jon m  80 Jac  50/50 C	enest	368 368 368 358		175.00 135.00 1576.8 73.00 28.00
5401 5406 5402 5407 5502C	15 15	20 968 2 mla	IMILEAGE  Casins  Jon m  80 Jac  50/50 C	enest	368 368 368 358		175.00 135.00 1576.8 73.00 28.00
5401 5406 5402 5407 5502C	15 15	20 968 2 mla	IMILEAGE  Casins  Jon m  80 Jac  50/50 C	enest	368 368 368 358		175.00 135.00 1576.8 73.00 28.00
5401 5406 5402 5407 5502C	15 15	20 968 2 mla	IMILEAGE  Casins  Jon m  80 Jac  50/50 C	enest	368 368 368 358		175.00 135.00 1576.8 73.00 28.00
5401 5406 5402 5407 5502C	15 15	20 968 2 mla	IMILEAGE  Casins  Jon m  80 Jac  50/50 C	enest	368 368 368 358		175.00 135.00 1376.8 73.0 28.00
5401 5406 5402 5407 5502C	15 15	20 968 2 mla	IMILEAGE  Casins  Jon m  80 Jac  50/50 C	enest	368 368 368 358	SALES TAX	175.00 135.00 1376.8 73.0 28.00
5401 5406 5402 5407 5502C		20 968 2 mla	SO/SOC	enest	368 368 368 358	SALES TALESTIMATE TOTAL	135.00 135.00 1376.2 1376.2 73.0 28.0

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.