

C	onfiden	tiality	/ Requested	:
	Yes	N	10	

Kansas Corporation Commission Oil & Gas Conservation Division

1190592

Form ACO-1
August 2013
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
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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SHOW □ 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #: SWD Permit #:	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:
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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							
Confidentiality Requested							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							

Page Two



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ring and shut-in pressu	ormations penetrated. D res, whether shut-in pre ith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott		
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes No			on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne conductor, surface, inte		ion, 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 / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement # Sacks U		Jsed Type and Percent Additives			
Protect Casing Plug Back TD							
Plug Off Zone							
	ulic fracturing treatment or otal base fluid of the hydra	n this well? aulic fracturing treatment ex	ceed 350.000 gallons	Yes ? Yes		p questions 2 an p question 3)	d 3)
	· ·	submitted to the chemical of	_	Yes		out Page Three	of the ACO-1)
Shoto Par Foot	PERFORATIO	N RECORD - Bridge Plug	s Set/Type	Acid, Fra	cture, Shot, Cement	Squeeze Record	i
Shots Per Foot	Specify Fo	ootage of Each Interval Perf	orated	(AI	mount and Kind of Ma	terial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:			
					Yes No		
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil B		Mcf Wate			as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	N.	METHOD OF COMPLE	TION:		PRODUCTIO	ON INTERVAL:
Vented Sold		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Sui	ACO-5) (Sub	mit ACO-4)					

Lease Owner: R.T. Enterprises

Anderson County, KS Town Oilfield Service, Inc.
Well: Poss 48 (913) 837-8400 Commenced Spudding: 9/6/2013 9/6/2013

WELL LOG

hickness of Strata	Formation	Total Depth
20	Soil-Clay	20
50	Shale	70
28	Lime	98
19	Shale	117
2	Lime	119
46	Shale	165
6	Lime	171
5	Lime	176
7	Shale	183
35	Lime	218
9	Shale	227
22	Lime	249
6	Shale	255
15	Lime	270
5	Shale	275
25	Sandy Shale	300
3	Sand	303
9	Shale	312
4	Sand	316
69	Shale	385
17	Shale	402
6	Sand	408
4	Sandy Shale	412
28	Shale	440
2	Lime	442
3	Shale	445
2	Lime	447
3	Shale	450
10	Lime	460
10	Shale	470
5	Sand	475
19	Sandy Shale	494
4	Sand	498
5	Sandy Shale	503
3	Shale	506
2	Coal	508
7	Lime	515
3	Shale	518
3	Lime	521
7	Shale	528

Anderson County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Poss 48 (913) 837-8400 9/6/2013

Well: Poss 48 Lease Owner: R.T. Enterprises

	-T	
4	Lime	532
22	Shale	554
10	Lime	564
21	Shale	585
2	Coal	587
10	Lime	597
4	Shale	601
1	Lime	602
8	Shale	610
4	Sand	614
8	Sand	622
2	Broken Sand	624
15	Sand	639
3	Broken Sand	642
12	Sand	654
2	Broken Sand	656
2	Shale	658
3	Sand	661
9	Broken Sand	670
2	Broken Sand	672
.2	Sandy Shale	674
11	Shale	685
10	Sandy Shale	695
14	Sand	709
2	Sandy Shale	711
3	Sand	714
4	Sandy Shale	718
31	Sand	749
11	Sandy Shale	760-TD
	7	
	1	
	+	
	+	
	+	
	1	
	+	
7	-	
	 	
	-	
	-	

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D2x.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 - SPMxRxD 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 WATTS = AMPS

TO FIGURE AMPS:

VOLTS

746 WATTS equal 1 HP

Log Book

110

Well No. 45	<u> </u>	
Farm Pass	7	
1		
KS	17	(County)
(State)		(County)
)\	æ	20
(Section)	(Township)	(Range)
	₽ \	_ &
For Q.7, 8	(Wall Owner)	C 3
	CEECH CAALICLE	

Town Oilfield Services, Inc.

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

Poss Farm: Anderson County SS State; Well No. 48	es v	×	
Elevation 948			
Commenced Spuding 4-6 20 13	11		ļ_
Finished Drilling 9-10 20-13			8
Driller's Name Chad Wasser	2 (MX 2 (M)		6:
Driller's Name	*		
Driller's Name	5		
Tool Dresser's Name Brandon Stone	7		
Tool Dresser's Name Cole Holowy	_ i		
Tool Dresser's Name			
Contractor's Name	_		
11 20 00			
(Section) (Township) (Range)	_		4
Distance from line,ft.	<u>-</u>		
Distance from line,'+\-555ft.	-		
	→		
	_		
	_		
3- sacks			
CASING AND TUBING			
RECORD			
10" Set 10" Pulled			
78" Set <u>23</u> 8" Pulled			
6¼" Set 6¼" Pulled			
4" Set 4" Pulled			
4" Set 4" Pulled 27/Set 730 2" Pulled 2" Pulled 2"		21 20	
960 TD			

Thickness of Strata	Formation	Total Depth	Remarks
.20	2011 day	20	
50	Shole	70	
.28	Lime	98	
19	Shale	117	WATER
.1	Lime	119	
46	Shale	165	
6	Lime Seams	171	
5	Lime	176	
.7	Shale	183	
35	Lime	218	
9	Shale	227	
22	Lime	2:49	
6	Shale	255	
15	Lime	2,70	How Wha
5	Shale	275	Programme of the Company of the Comp
25	Sandy State	300	
3	Soud	303	NO COOR, NO CIL
9	Shale	312	
4	Sand	316	Good ones
69	Shak - Sandy	335	
17	Shale	402	
Ė	Sand	408	Good ODOR, DECENT BLEED
H	Sandy Shali	412	
28	Shale	440	
2	Lime	442	
3	Shale	445	
2	Lime	447	

		447	
Thickness of Strata	Formation	Total Depth	Remarks
3	Shide	450	
10	Lime	HE	
10	Shale	470	
5	Sand	475	
19	SortyShule	4 94	- Gral OKER, DECENT BLEEP
14	Send	498	Carl Coch, Edith I Deep
5	shall dens	503	
3	silver 10	506	
2	1200	50Y	
7	LIVIC.	515	
3	Shele	518	
, z,	1 1116 60	521	
· · · · · · · · · · · · · · · · · · ·	shele	528	
- 1	Live	132	-
22	shorte	554	-
	Livie.	EC1-4	-
21	Sycile	282	- it some line secure
2	cccl	587	
10	Liberc	-97	•
- 4	shele	(0)	
1	Livie	600	
	solar la	1510	
- F	cand	614	arey no oil
- 8	base	C33	NO 0.1
a_	Broken send	624	1.0 01
15	special 1	239	10000
3	Brokensond	C/12	100 01
	-4-		-5-

		643	
Thickness of Strata	Formation	Total Depth	Remarks
C/	send	654	Sittle ales Brown sand was
Q	Brokensond	656	ne oil
	5/10/6	458	
3	sund	CCi.	sed do with oil & Block &
q	Brokensand	670	and down with oil & Black on
2	Broken sand	670	no oil, 30% mind, 70% shale
2	sendy theile	475	
17	Sycile	465	
10	sandy sheel	695	
14	Sound	705	no oil
2	and, shale	211	
3	brue	7117	no 0.1
	and, shale	718	
31	Sand	7179	NO 01
11	sind while	760	COT.
			<u> </u>
-			
		:1	
+			

-6-



262236

LOCATION OXTAGE KS
FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720 620-431-9210 or 8670-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL NAME & NU	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-10-13	5954	Poss # 4	18	NW 11	20	20	AN
CUSTOMER		13.50			LOW TO SHOW THE	2018年4月2日日	
Oi.	enrac			TRUCK#	DRIVER	TRUCK#	DRIVER
AILING ADDR	ESS			7/2	Fremad		
120	Shovel	me Dr		495	Har Bec		
CITY				369	Der Mas		
	sburg	KS 66053		548	mikHaa		
JOB TYPE		HOLE SIZE 57/8			CASING SIZE & WI	EIGHT_21/6	EUE
CASING DEPTH	1 730	DRILL PIPE Baffle	TUBING @	699		OTHER	
SLURRY WEIGI	нт	SLURRY VOL	WATER gal/s	sk	CEMENT LEFT In C	ASING	
DISPLACEMEN	T 4.06	DISPLACEMENT PSI	MIX PSI		RATE 58PY	<u> </u>	
REMARKS: /	fold cre	· w meet ing - S	afety.	Establis!	Dumpra	G. Mixx	Pums
100#	Gel Flu	ISh. MIX FPU	m 0 9	8 5Ks 5	0/50 Pam.	& Come	nt .
270 (O C.	ment to sur	Face, F	-lush o	uma + liv	res clea	
Disa	lace 2	2 Rubber olu	e to Ba	ffle. Pr	essure to	GOO # A	S
Role	nce Diece	sure to sex flo	Sax Value	e. Shut in	casibe		-502
/ \	7				7		
				W-W	. 0	11111	
Tas	Dai Il Sa	- Chad Wea	Uer		Fund my	20.	~
	0	k					
				HIRE AS THE RESERVE	1 11		W.C.

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	Г	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		108500
5406	25mi	MILEAGE	495		10500
5402	730	Cosing too toge			N/C
5407	Monimon	Ton Miles			3680
5502C	2 hr	50/50 Por 80 BBL Vac To	rick		\ &0 æ
1124	98543	50/50 Poz Mix Cament			1127 30
1118B	265#	Premium Cul			2830
4402		2's" Rubber Plug		ина) — н	275
		To the second se		npleted	
			7.65	SALES TAX	929
3737			* =.1600 (1100 (1100 = 100)	ESTIMATED TOTAL	30457

AUTHORIZTION NO CO Ry On Site.

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.

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Shari Feist Albrecht, Chair Thomas E. Wright, Commissioner Jay Scott Emler, Commissioner

February 28, 2014

Lance Town R.T. Enterprises of Kansas, Inc. 120 SHORELINE DR LOUISBURG, KS 66053

Re: ACO-1 API 15-003-25845-00-00 Poss 48 NW/4 Sec.11-20S-20E Anderson County, Kansas

Dear Lance Town:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 9/6/2013 and the ACO-1 was received on February 24, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department