

Kansas Corporation Commission Oil & Gas Conservation Division

139592

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

TwpS. R
et from North / South Line of Section et from East / West Line of Section Nearest Outside Section Corner: SE SW Well #: Kelly Bushing: g Back Total Depth: t and Cemented at: Feet Collar Used? Yes No
et from
Nearest Outside Section Corner: SE SW Well #: Kelly Bushing: g Back Total Depth: t and Cemented at: Feet Collar Used? Yes No
Well #: Well #: Kelly Bushing: g Back Total Depth: t and Cemented at: Feet Collar Used? Yes \(\) No
Well #: Kelly Bushing: g Back Total Depth: Feet and Cemented at: Feet Collar Used?
Well #: Kelly Bushing: g Back Total Depth: t and Cemented at: Feet Collar Used?
Kelly Bushing: g Back Total Depth: t and Cemented at: Collar Used? Yes No
Kelly Bushing: g Back Total Depth: t and Cemented at: Collar Used? Yes No
Kelly Bushing: g Back Total Depth: t and Cemented at: Collar Used? Yes No
g Back Total Depth: Feet t and Cemented at: Feet Collar Used?
t and Cemented at: Feet Collar Used?
Collar Used? Yes No
ement circulated from: sx cmt.
nt Plan ne Reserve Pit)
ppm Fluid volume:bbls
hauled offsite:
License #:
TwpS. R
Permit #:
<i>r</i>

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 l	Name: _			_Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: She time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shues if gas to surface te	t-in pressures st, along with	s, whether s final chart(s	hut-in press	sure read	ched static level,	hydrostatic press	sures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes	No			og Formatio	n (Top), Depth ar	nd Datum	;	Sample
Samples Sent to Geol	ogical Survey	Yes	No		Nam	е		Тор	[Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy		Yes Yes Yes	No No No							
List All E. Logs Run:										
		Report a		RECORD	Ne	w Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
		Δ	ADDITIONAL	CEMENTIN	NG / SQL	 EEZE RECORD				
Purpose:	Depth	Type of (# Sacks			Type and F	Percent Additives		
Perforate Protect Casing	Top Bottom									
Plug Back TD Plug Off Zone										
r lug on zone										
Shota Par Foot	PERFORATI	ON RECORD -	- Bridge Plug	s Set/Type		Acid, Fra	cture, Shot, Cemen	t Squeeze Recor	d	
Shots Per Foot	Specify	Footage of Each	h Interval Perf	orated		(Ai	mount and Kind of Ma	aterial Used)		Depth
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN	_	roducing Meth	nod:	g 🗌	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:	'	ħ.	METHOD OF	COMPLE	TION:		PRODUCTION	ON INTER	VAI ·
Vented Sold		Ope	n Hole	Perf.	Dually	Comp. Cor	nmingled			
(If vented, Sub		O+b-	or (Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			

Douglas County, KS Well: Finnerty 21

Lease Owner: R.T. Enterprises

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

Commenced Spudding: 5/7/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
3	Soil/Clay	3
64	Sand	67
3	Lime	70
6	Sandy Shale	76
128	Shale	204
5	Lime	209
5	Shale	214
14	Lime	228
7	Shale	235
10	Lime	245
5	Shale	250
2	Lime	252
16	Shale & Shells	268
10	Shale	278
20	Sand & Sandy Shale	298
20	Lime	318
17	Sandy Shale & Sand	335
60	Shale	395
22	Lime	417
14	Shale	431
4	Lime & Shale	435
6	Lime	441
17	Shale	458
7	Sand	465
17	Lime	482
5	Shale	487
1	Lime	488
13	Shale	501
24	Lime	525
8	Shale	533
23	Lime	556
5	Shale	561
4	Lime	565
3	Shale	568
5	Lime	573
7	Shale	580
14	Sand	594
35	Shale	629
41	Sand & Shale	670
21	Shale	691

Douglas County, KS Well: Finnerty 21

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

Commenced Spudding: 5/7/2013

Lease Owner: R.T. Enterprises

9		
9 7	Sand	700
	Sandy Shale	707
38	Shale	745
6	Lime	751
6	Shale	757
1	Lime	758
14	Shale	772
10	Lime & Shale	782
12	Shale	794
3	Lime	797
12	Shale	809
8	Lime	817
32	Shale	849
1	Sand	850
2	Sand	852
5	Sand	857
1	Sand	858
8	Brokensand	866
10	Sandy Shale	876
64	Shale	940

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

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1 HP

Log Book

Well No	37 /	
Farm_Q	icul,	
(State)		(County)
(Section)	(Township)	<u>)()</u> (Range)
For_ 12.7.	(Well Owner)	e e e

Town Oilfield Services, Inc.

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

State; Well No. 21	₹V ±			
Elevation 1000	a wi			50
Commenced Spuding 5-7 20 13				
Finished Drilling 5-8 2013		4.		
Driller's Name	· 7			
Driller's Name	v°	8		
Driller's Name	*			
Tool Dresser's Name Gray Parky				
Tool Dresser's Name	7, 2			
Tool Dresser's Name	-/			
Contractor's Name TOS				
11 15 20				
(Section) (Township) (Range)		1		
Distance from line, ft.	0	К.		
Distance from Fig. 11ne, 2120 ft.				
	S =19			
Comment by Consolidated	·			
CASING AND TUBING				
RECORD				-
REGORD				-
at a second of the second of t			_	
10" Set 10" Pulled				
8" Set 8" Pulled				11
6%" Set 6%" Pulled				-
4" Set 4" Pulled				
4" Set 4" Pulled		-1-		
940 TD		100 T 100		
440 11				

ä

Thickness of Strata	Formation	Total Depth	Remarks
3	soil lary	3	
C-1-1	sud'	٦	- 12 cular - 45'
3	Livoc	70	=7.5 kg V) N)
6	sondysnale	76	with some on breeds
128	sheila	204	
5	Lime	209	0
5	shele	214	8
- 74	L c	333	
	shale	235	
10	1_2 0000	5.12	
5	sielecte.	250	
2	Luivie	252	
)(shorted shall	، کردی	
10	she,/e	278	
50	send Asindysky	C298	
20	Livie	318	
12	sandyshaleasury	335	
60	shorte	395	
55	L.11/0	417	
1,7	shale	431	
14'	Limedshak	435	
(_	1	144	
7,7	skule	4581	
. خ	sond	'465 T	oder year 1:44/e eil
רנ	L. WC	185	3 22 7 1 21 21 2
2	3/12/18	487	
1	-2-	428	

-3-

Thickness of		188	_
Strata	Formation	Total Depth	Remarks
13	sincola	501	
2.7	Lince	525	
8	shale	533	
23	minne	556	
_5	shale	561	
17	Lime	565	
3	Shele	568	
5	Lime	573	- Hen Ale
- 7	shale	580	V-4 116"
14	sad	694	succes, 1.44/e show
35	Sherle	629	Stray, The Stow
-41	sad whale	470	bruse sweet 14:10:
21	Since	661	and some sould
- 9	"scural	700	shed no oil
_ 7	sudjetele	707	2004 100 011
38	should	745	
- (0	To garage	751	
_ (_	shale	757	
	Lime	758	
111	shele	ברר	
	Limes shale	782	
77	shele	HPL.	
3	Sime	797	_
15	shale	809	
8	7: mc	817	
32	shele	719	
	Swid	450	oder, 296.5% o.l
	-4-	-	-5-

T1:1 #1		850	
Thickness of Strata	Formation	Total Depth	Remarks
2_	サレノム	257	75% oil ok blacking
2	Surd	857	40% - sold oil soul bleed
,	sur d	855	7860
8	Croken sund	846	5% - 15% 0.1
	surely shale	47L	" o o o o o o o o o o o o o o o o o o o
614	shoule	940	
		1-1	
	100		
	100		
		Ů	
	-6-		-7-



258021

TICKET NUMBER_ LOCATION Ottowa KS FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

	CUSTOMER#	WI	ELL NAME & NUM	CEMEN BER	SECTION	TOWNSHIP	DANOE	
5/7/12	5954	Finne			SEII		RANGE	COUNT
CUSTOMER		1 / ////	X		a and and	1 /5	1 20	106
MAILING ADDRE	nvoc			4	TRUCK#	DRIVER	TRUCK#	DRIVE
				1 1	712	Safety		DRIVE
	Skarell	he Dr	-		195	HarBec	7+8	
		1		1 [675	Keibet	KD	
Louis		KS	66053	1	510	SelTuc	57	-
OB TYPE_Su		HOLE SIZE_	1214	HOLE DEPTH		CASING SIZE & V		
ASING DEPTH	<u>\$90</u>	DRILL PIPE_		_TUBING			OTHER	
LURRY WEIGH		SLURRY VOL		WATER gal/sk		CEMENT LEFT in		
ISPLACEMENT	2.7588	DISPLACEME	NT PSI	MIX PSI		DATE SADW	٦	
EMARKS: 1	ald crew	meeti	ra, Esta	blish di	veulation	Have 3"C		
m:	x + Pungs	5	B 50/50	Por mi	Cement	290 Cul.	as . Ly	.,
	face. D	salace	casive	clean w	1 3/4 BB	. shot	Ceaunt	Xel
		-1	Ò			5401	in cas,	9
						W 100 100 100 100 100 100 100 100 100 10		
					182			
				and the second		View and the second		
	- 10					. /		
105	Drilly				***	7	2 100 0	
	1						we Wood	u
ACCOUNT CODE	QUANITY o	or UNITS	DES	SCRIPTION of S	ERVICES or PRO	DUCT	UNIT PRICE	
	QUANITY o	or UNITS	DES	-				TOTAL
CODE	QUANITY o	or UNITS		-	ERVICES or PRO			TOTAL
SYONS		or UNITS	PUMP CHARGE MILEAGE	Surfa	ce Cemu			TOTAL 870
5406 5406	9	l ro'	PUMP CHARGE MILEAGE	- Suvfa Footoo	ce Cemu			870 M/c N/c
5404 S 5406 5406 5407	42 Minime	io'	PUMP CHARGE MILEAGE Casive Ton W:	Footog	ce Cemu			70TAL 870 M/c N/c)842
5406 5406 5406	42 Minime	l ro'	PUMP CHARGE MILEAGE Casive Ton W:	- Suvfa Footoo	ce Cemu			70TAL 870 M/c N/c)842
5404 S 5406 5406 5407	42 Minime	io'	PUMP CHARGE MILEAGE Casive Ton W:	Footog	ce Cemu			70TAL 870 M/c N/c)842
540 7 540 7 5502C	1/2 minime	io'	PUMP CHARGE MILEAGE Casing Ton Wi 80 BBL	footogiles Vac Tr	ee Cemuu e			**************************************
5404 S 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e			70TAL 870° N/C 184° 180°
5404 S 5404 S 5407 5407 5502C	9 9 9 2 Minime 2	io'	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e			70TAL 870° N/C 184° 180°
5404 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e			10TAL 870 N/C 1842 1802
5404 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e			10TAL 870 N/C 1842 1802
5404 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e			10TAL 870 N/C 1842 1803
5404 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e			10TAL 870 N/C 1842 1802
5404 S 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e			10TAL 870 N/C 1842 1802
5404 S 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e		UNIT PRICE	70TAL 870° N/C 184° 180°
5404 S 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e	* 495	UNIT PRICE	70TAL 870° N/C 189° 180° 2.2
5404 S 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e	495	UNIT PRICE	10TAL 870 N/C 1842 1802
5404 S 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e	* 495	UNIT PRICE	TOTAL 870° N/C 189° 180° 2.2
5404 S 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e	495	UNIT PRICE	70TAL 870° N/C 189° 180° 2.2
5404 S 5406 5407 5407 5502C	9 9 9 2 Minime 2	io' losks	PUMP CHARGE MILEAGE Casing Ton Mi 80 BBL	footogiles Vac Tr	ee Cemuu e	495	UNIT PRICE	10TAL 870 N/C 1842 1802 4/602

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 for

TITLE



258659

LOCATION OHOUS KS

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

FIELD TICKET & TREATMENT REPORT

S/8/13 CUSTOMER	5954	WELL NAM	CEME 1E & NUMBER	SECTION			
CUSTOMER	5954			SECTION	TOWNSHIP	DALLOW	
A .		Finnery	#21	SF II	·OWNSIIIF	RANGE	COUNTY
		7	101		1	120	16
MAILING ADDRE	o c			TRUCK #			
	-			481	DRIVER	TRUCK#	DRIVER
150 2	hoveline i)r	1	M	Casken		
TY			CODE	leldo	GarMoo		
Louisbu	Ca		1885	548	MikHan		
			023	370	KeiCar		
	4- 11	HOLE SIZE 5 8	HOLE DEP	тн_ 940 '	CASING SIZE &	4/EIQUE 3#/	,,
ASING DEPTH	100	RILL PIPE	-TUBING	8901-1-10	ANDING SIZE &		
URRY WEIGH	T S	LURRY VOL	WATER gal	Vols	e	OTHER	
SPLACEMENT	5.15 blds D	ISPLACEMENT PSI		3.01	CEMENT LEFT IN	CASING 32	1
EMARKS: 6	11		MIX PSI		RATE 4.56	m	
	CO 111	maeting est	ab listgool ci	reviation v	nixed &	oursed 2	00#
purious !	all tollow	ed 69 10	bble tresh u	sater, mixe		17 111	- 1
50 Poz	zmix ceme	ut w/ 20	a all per si	k remont	1	speg 175	S/c \$
lean, pu	unged 2/2	" cubher du	UP BLAS	7	to Surtan	2 , thirted	pump
800	PS 1 . 1000 FG	leared pressi	m d.d.		665 tresh	water of	essuced
		Pierre	The sout in	casing.			100
					_		
40.00					$I \cap I$	11	
					77 1		
					1-7	}	
	244					/	
CODE	QUANITY or	UNITS	DESCRIPTION o	f SERVICES or PROD	DUCT	/	
401	ı ı	FILMO	CHARCE			UNIT PRICE	TOTAL

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	
5401	J	PUMP CHARGE	ONIT PRICE	TOTAL
5406	20 mi	MILEAGE		1085.00
5402	922.	casing footage		84.60
5407	1/2 minimum	for mileage		*
SSORC	2 hcs.	80 Vac		184.00
	A 1.12	Jo Val	1.00	180.00
1124	145 JES	50/50 D-114		
1/183	444 #	50/50 FORMIX coment		1667.50
9402	/	Frenium Gel		97.68
102		21/2" rubber plug		29.50
3737				
		6		y
	All 30 30		mpicici	7/
		4		91
		51		- M.
			SALES TAX	131.01
THORIZTION NO CO. Repor location TITLE			ESTIMATED TOTAL	3458.LA

l 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.