

#### Kansas Corporation Commission Oil & Gas Conservation Division

#### 1137006

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
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:   Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW	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 #:	Quarter Sec TwpS. R
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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 III Approved by: Date:

Side Two

1137006

Operator Name:			Lease Name	ə:		_ Well #:		
Sec Twp	S. R	East West	County:					
me tool open and clos	sed, flowing and shut s if gas to surface te	d base of formations per in pressures, whether s it, along with final chart well site report.	shut-in pressure	reached static level,	hydrostatic press	sures, bottom h	ole temperatu	re, flui
Orill Stem Tests Taken (Attach Additional S	heets)	Yes No		Log Formatio	n (Top), Depth ar	d Datum	Samp	le
amples Sent to Geolo	•	☐ Yes ☐ No	N	lame		Тор	Datun	n
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	Electronically	Yes No Yes No						
ist All E. Logs Run:								
		CASING	RECORD _	New Used				
	Cina Hala		1	, intermediate, product	1	# Cooks	Time and Di	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Pe	
		ADDITIONA	L CEMENTING / S	SQUEEZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	1	Type and F	Percent Additives		
	PERFORATIO	DN RECORD - Bridge Plu	ns Set/Tyne	Acid Fra	cture, Shot, Cemen	Squeeze Recor	d	
Shots Per Foot		ootage of Each Interval Pe			mount and Kind of Ma			Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed F	Production, SWD or EN	HR. Producing Met	thod:	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water B	bls.	Gas-Oil Ratio	Gra	avity
DISPOSITIO	ON OF GAS:		METHOD OF COM			PRODUCTIO	ON INTERVAL:	
Vented Sold	Used on Lease mit ACO-18.)	Open Hole Other (Specify)			mmingled mit ACO-4)			

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

Douglas County, KS Well: Finnerty 25 Lease Owner: R.T. Enterprises

### WELL LOG

	n tion	Total Depth		
Thickness of Strata	Formation	3		
	Soil/Clay	85		
3	Sand	193		
82	Shale	198		
106	Lime	204		
5	Shale	218		
6	Lime	226		
14	Shale	235		
8	Lime	241		
9	Shale	245		
6	Lime	259		
4	Shale & Shells	279		
14	Shale	703,000		
20	Sand	290		
11	Lime	309		
19	Sandy Shale	315		
6	Sand	324		
9	Shale	383		
59	Lime	405		
22	Shale	419		
14	Shale & Lime	424		
5		430		
6	Lime	447		
17	Shale	454		
7	Sand	470		
16	Lime	475		
5	Shale	476		
1	Lime	490		
14	Shale	495		
5	Lime	496		
1	Lime	512		
16	Lime	521		
9	Shale	543		
22	Lime			
5	Shale	548		
4	Lime	552		
4	Shale	556		
5	Lime	561		
4	Shale	565		
15	Sand	580		
41	Shale	621		
34	Sand & Sandy Shale	655		

Douglas County, KS Well: Finnerty 25

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

Commenced Spudding: 4/19/2013

Lease Owner: R.T. Enterprises

23	Shale	678
2	Sand	680
10	Sand	690
5	Sandy Shale	695
38	Shale	733
7	Lime	740
5	Shale	745
1	Lime	746
3	Shale & Lime	749
7	Shale	756
9	Shale & Lime	765
14	Shale	779
3	Lime	782
4	Shale	786
11	Lime & Shale	797
5	Lime	802
21	Shale	823
2	Lime	825
5	Shale	830
6	Brokensand	836
6	Sand	842
4	Sand	846
18	Sand	864
5	Sand	869
11	Sand	880
2	Brokensand	882
2	Sandy Shale	884
96	Shale	980

# **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 - pourids 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

Moll No

20

arm <u> </u>	1	
155	0/2	(County)
(State)		(County)
1.	15	20
(Section)	(Township)	(Range)

## **Town Oilfield** Services, Inc.

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

County Farm: Dansles County			
KS State; Well No. 35	9		_
Elevation 1072			( <del>) =</del>
Commenced Spuding 4-19 2013	= 2		
Finished Drilling	i		( <u>1</u>
Driller's Name Chad West	į		-
Driller's Name	. [		ills =
Driller's Name	ĺ		_
Tool Dresser's Name Conces Dany	3		=
Tool Dresser's Name	į		()
Tool Dresser's Name	Č L		-
Contractor's Name 10 5	į		_
111520	į		-
(Section) (Township) (Range)	ā	ë	# - <del>  </del>
Distance from line,(155ft.			
Distance from line, ft.			N
0024 - 0036 - 7W15			ļ —
			\ <del></del>
			-
Coment by sonsolidated			
CASING AND TUBING			
RECORD			
10" Set 10" Pulled			
78" Set <u>**</u> 8" Pulled			
6%" Set 6%" Pulled			
4" Set 4" Pulled			
4" Set 4" Pulled		-1-	
des in secte			
(4,5)			

Thickness of Strata	Formation	Total Depth	Remarks
3	501/014	3	
42	send	45	40'- water
106	sicile	143	
6	Line	.48	
Co	Sycle	2014	
1,7	Line	718	
5	chale	226	Dark
q	Lime	3.22	
ره	shale	9,41	
14	Livie	2'45	
1.4	shale & shalle	259	
20	exicle	279	
- 11	sond	200	with some send skele
ردر	rime	209	•
G	sundy excle	315	
4	sul	724	was no ail
59	skele	383	
22	7.1112	1405	
1-1	she'le	410	N 4
5	chaile a Livie	424	
6	71478	'+30	
77	chele	14.47	•
٦	Sund	454	edon, very 1,4/e eil
160	Some	OFH	· /
5	she'le	476	
Y	Line	1470	- 8
14	Shale	1490	

		490	
Thickness of Strata	Formation	Total Depth	Remarks
5	Ling	14012	
}	Livne	496	oder, sand show & blanding
١٤	Lime	51À	
9	Sheele	152	
22	Lime	543	
5	shorte	548	
4	Lime	552	
14	Shale	556	A
5	Line	561	Hantha
14	34.10	565	
15	sound	580	
141	shocke	621	7
34	larexter - bus	e 455	
23	sycle	678	
2	Swee	680	we oil
10	send	690	1:410 orla bleading
5	indy while	695	
38	chale	733	T.
7	Lime	つとて	
5	shole	745	
, , , , , , , , , , , , , , , , , , ,	Lime	744	
.3	shale & Lime	749	*
7	encle	754	
9	1 ime & shele	765	
4'6	shele	779	
3	Lime	782	
- 14	Shorte	اس جهزت	

		786	
Thickness of Strata	Formation	Total Depth	Remarks
	Linco Shele	197	
5_	Livne	ふのけ	
21	shale	£2.3	
2	Lives	.832	
5_	Sheele	830	
<u>(</u>	Broken sund	436	100 00
'9	sand	217	oden solo ail
4	sind	54C	25% oil 1.146 Weeding
146	base	864	acto solit, good deading
5	حسرك	464	7506
- 11	Sund	880	1.0 bites
2	Budensul	882	sound & Line 1:44e out
2.	'ecoly sheld	884	
cile	Siele	980	CUT
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258162

TICKET NUI	MBER	41805	
LOCATION		wa KS	
		Mader	

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

### FIELD TICKET & TREATMENT REPORT

)-431-9210 o	r 800-467-8676			CENIEI		ON	TOWNSHIP	RANGE	COUNTY
DATE	CUSTOMER#	784407 (3.1FE)	NAME & NUME		SECTI	ON			
19/13 STOMER	5954	Finner	cty * 5	26		11	15	00	DG_
	enroc				TRUC	and the second second	DRIVER	TRUCK#	DRIVER
LING ADDRE	SS			1	712	2	FreMad	Safer	nexa
120	Charal	ne hr.			49		HarBec	NB	0
Y	Shoreli	STATE	ZIF CODE	7	36		Der Mas	DM	
Louisk		KS	66053		51		Set 503	ST	
TYPE	u Hace	HOLE SIZE		HOLE DEP	тн <u>90</u>		CASING SIZE & W	EIGHT <u>フ*</u>	
SING DEPTH	- 1	DRILL PIPE	-	TUBING				OTHER	<del></del>
	iT	SLURRY VOL			l/sk		CEMENT LEFT in	CASING 10 +	<u></u>
DI ACEMENI	7.7586	DISPLACEMENT	r P\$I	MIX PSI	1100		RATE SBAM		62
MARKS. II	11 ~	Mary 1	Fexable	ich aire	culax to	n. 1	Mixx Pump	45 SPS 57	0/60
Por M	lix Ceme	4 270 Cue	2. Cem	Lenx Ko	SUITA	ce,	Displace	7 Casing	
alea	u w/ 2.	15 BBLS	water	Shut	h cas	ive	·,		
	/								
	Sprilling	3	((************************************		100		Ful	Malen	
ACCOUNT	QUANITY	Y or UNITS	D	DESCRIPTION	of SERVICE	S or Pi	RODUCT	UNIT PRICE	TOTAL
54015		,	PUMP CHAR	RGE Sol	face C	eme	x 495		825
5406-			MILEAGE						N/e
5402		90	Casina	, footag					NC
5407	1/2 Mmi		Tonn	niles	110000				175
55026		Ehr	80 B1	Bl Vac	Truck				135
20000									
								ļ	
1124		45 515	50/50	Pozmi	, Come	X	***		492
1118B		76#	Pren	nium 6	el.				158
111011					===X1)E36				
					110011				ļ
							at the same of the		
1000								1	1 10
								- ant	
180									W. C.
									n(10.452)
					- Ur				-
	1	<del>4-30-</del> 415					7 349		
	1		1			400	7.3%	SALES TAX ESTIMATED	1680
vin 3737	on chill							TOTAL	1680

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



258219

Box 884, Chanute, KS 66720

## **FIELD TICKET & TREATMENT REPORT**

20-431-9210 oi	800-467-8676	1		CEMEN	NT			
DATE	AUT I BIANA			AME & NUMBER SECTION		TOWNSHIP	RANGE	COUNTY
4/20/13	5954	Finner	y # 2	25	SE II	15	20	DG
USTOMER			1					
Dieuroc					TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRESS					481	Cacken	V Safety A	leeting
120 Shore Ime Dr					666	Gar Moo	V	
ITY		STATE	ZIP CODE		228	Dan Det	V	
Louisbu	ra	KS	1010053		675	Kei Det	V	
OB TYPE / 6.		HOLE SIZE S	5/p11		гн <u> 980</u>	CASING SIZE & V	VEIGHT 27/8	" EUE
TARING DEPTH 948 DRILL PIPE TUBING 9/4						OTHER		
SLURRY VOL WATER gal/sk CEMENT LEFT in						CASING 32'		
ISPLACEMENT S. 3 66 DISPLACEMENT PSI MIX PSI RATE 4.5 6								
EMARKS: he	ld safety	meeting	establi	shed cir	colation.	mixed + pu	uped 100	of Heurice
G.D. P.11-	and his	10 Hole 4	treah wa	der ni	ixed + au	uped 143	SES 3/50	Pozuix
can aut	1 27.10	el our sk	ceme	at to	surface y	Ayshed pun	a clague,	pumped
		to baffle	w/5	3 6Hs	fresh wa	ter pressu	ted to s	DO FSL
1000	OCCOON NO N	hut in co	Cinc			- Y		
eleased	preside, or	AUT LA	)			$\sim$	1 /	
						<del>- / ) .</del>	111	
	2,50					1/	7	
		100-000				- ( )	1	
ACCOUNT	QUANITY	or UNITS	DESCRIPTION of SERVICES or PRODUCT				UNIT PRICE	TOTAL
5401	1		PUMP CHAR	GE		1085.00		
5406	20	ni	MILEAGE	Α				84.00
TUM	948		COSTAC	tontaa	e			

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		84.00
5406	20 mi	MILEAGE		84.00
5402	20 mi 948'	casing tootage		12.100
5404	1/2 minimum	tor mileage		184.00
55020	1.5 hrs	80 Var		135.00
1/2/	143 Sks	5% o Poznix cement		1644.50
1124	340 ±	Francium Gel		74.80
11188	310 34	7 Y " II		29.50
4402		2/2" rubber		20.50
			The state of the s	1 16
			- cam	Heiel .
			i Value	- 12
			W-s	
		7.:		127, Colo
Ravin 3737			ESTIMATED TOTAL	3364,46

AUTHORIZTION No Co. Rep. on location TITLE\_\_\_\_