

C	onfiden	tiality	Requested:
	Yes	N	lo

Kansas Corporation Commission Oil & Gas Conservation Division

1176921

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 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	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.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	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	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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 Approved by: Date:						

Page Two



Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	i					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ing and shut-in pressu	ires, whet	her shut-in pre	ssure reacl	ned stati	c level, hydrosta	tic pressures, bott			
Final Radioactivity Log files must be submitte						gs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital ele	ectronic log
Drill Stem Tests Taken Yes No (Attach Additional Sheets)					L		n (Top), Depth an			nple
Samples Sent to Geol	ogical Survey	Ye	s No		Nam	е		Тор	Dat	um
Cores Taken Electric Log Run		☐ Ye ☐ Ye								
List All E. Logs Run:										
			CASING	RECORD	Ne	w Used				
		Repor	t all strings set-c	conductor, su	rface, inte	ermediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		Casing (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Addi	
			ADDITIONAL	CEMENTIN	IG / SQL	JEEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and Percent Additives			
Plug Off Zone										
	ulic fracturing treatment or otal base fluid of the hydra ing treatment information	aulic fractu	J	,	U	? Yes	No (If No, ski	p questions 2 ar p question 3) out Page Three)
Shots Per Foot			D - Bridge Plug ach Interval Perf				cture, Shot, Cement mount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At		Liner Run:				
TOBING NECOND.	Size.	Sel Al.		racket At		Liller Rull.	Yes No			
Date of First, Resumed Production, SWD or ENHR. Producing Met Flowing			Producing Meth	nod:	g	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er Bl	ols. G	as-Oil Ratio	(Gravity
DISPOSITIO	ON OF GAS:		N	METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVAL	<u>.</u>
Vented Sold			pen Hole	Perf.		Comp. Con	nmingled mit ACO-4)			
(If vented, Sub	omit ACO-18.)		ther (Specify)		(SUDMIK)	-00-0) (SUDI	IIII ACO-4)			

Form	ACO1 - Well Completion	
Operator	R.T. Enterprises of Kansas, Inc.	
Well Name	Finnerty 33	
Doc ID	1176921	

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	92	Portland	76	50/50 POZ
Completio n	5.6250	2.8750	8	932	Portland	133	50/50 POZ

Town Oilfield Service, Inc. Commenced Spudding: 12/17/2013

12/17/2013

WELL LOG

Thickness of Strata	Formation	Total Depth		
0-20	soil/clay	20		
40	sand	60		
110	shale	170		
5	lime	175		
6	shale	181		
18	lime	196		
7	shale	203		
9	lime	212		
24	shale	236		
222	shale and redfed	258		
10	sand and sandy shale	268		
18	lime	286		
14	shale	300		
60	shale	360		
23	lime	383		
14	shale	397		
11	lime	408		
21	shale	424		
4	sand	433 447 453 454 467		
14	lime			
6	shale			
1	lime			
13	shale			
23	lime	490		
9	shale	499		
23	lime	522		
4	shale	526		
4	lime	530		
4	shale	534		
5	lime	539		
8	shale	547		
13	sand	560		
97	shale	657		
18	sand	675		
36	shale	711		
6	lime	717		
7	shale	724		
6	lime	730		
26	shale and lime	756		
3	lime	759		

Douglas County, KS Well:Finnerty 33 Lease Owner: R.T.

Town Oilfield Service, Inc. Commenced Spudding: 12/17/2013

1	shale	760
7	sandy lime	767
3	shale	770
10	lime	780
20	shale	800
4	lime	804
4	shale	808
2	sand	810
4	sand	814
46	sand	860
100	shale	960-TD
100		
		.1)
	-	
	1	

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.	\$	
Farm Finnel.	14	
	1	
KS	De	JSS (County)
(State)		(County)
11	15	20
(Section)	(Township)	(Range)
For R. T - 2	Frite(Pis	ses

Town Oilfield Services, Inc.

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

Finnerty Farm: Douglas County	CA	SING A	ND TUBING I	MEASU	JREMENTS	
State; Well No.	Feet	In.	Feet	ln.	Feet	In.
Elevation	900 .	1			, 66,	3011
Commenced Spuding	_100 ,	50	But	17		
Finished Drilling Sec 18 2013	932-	-	Flow			
Driller's Name We'slay Sollard			7 5000		27	K_
Driller's Name					1	$\mathcal{O}_{\underline{}}$
Driller's Name	,					
Tool Dresser's Name Ryan Ward						
Tool Dresser's Name						-
Tool Dresser's Name						
Contractor's Name						
11 15 20						
(Section) (Township) (Range)						
Distance from $\frac{5}{E}$ line, $\frac{835}{640}$ ft.						
Distance from Ft.		-			<u> </u>	-
9 415						
						<u> </u>
			_			
CASING AND TUBING		-				
RECORD						
*	-			_		
10" Set 10" Pulled						
8" Set 8" Pulled	***************************************					
76%" Set 6%" Pulled	2					
4" Set 4" Pulled						
2" Set 2" Pulled			-1-			
			= 16			
	71-71			ale II		il is

Thickness of Strata	Formation	Total Depth	Remarks
0-20	501-604	20	T. Contains
40	Sevel	60	water
110	Send Shalk	170	
5	Lime	175	
6	Shalt	151	
15	Lime	146	
7	Shall t	203	Slate
9	Limk	312	
24	Shale	236	Shells
22	Shele & redbed	255	
10	Send & Searly Stell	268	no Oil
18	Lime	2860	
	the e	300	Some Sand - no Oil
60	Shale	360	
23	Lime	353	
14	Shale	397	
11	Lime	40%	
21	Shale	429	
4_	Sand	433	Slight stow
14	Lime	447	
_ 6	Shale	453	
	Lime	454	
/3	Shale	467	
23	Lime	100	473-01
	Shale	499 522	-
23 4	Lime	526	
	-2-	3000	-3-

-3-

		526	
Thickness of Strata	Formation	Total Depth	Remarks
4	lime	530	-
Ÿ	Shall	534	
5	Lime	539	Heitha
8	Shall e	547	
13	Sind	560	no Oil
97	Shalt	657	
18	sand	675	no Oil
36	Shalt	711	
6	Lime	717	
7	Shale	724	
6	Lime	730	
26	Shelt&lime	756	_
3	Lime	754	-
1	Shale	760	_
7	Sirry line	767	_
3	Shal e	770	
10	Lime	750	_
20	Shale	800	redbed
4	Line	804	
4	Shale	808	
2	Sinel	810	- color - 10 show
4	Send	8/4	broken good Oil
46	Sand Shale	860	- solid - good Oil
100	Shall	960	TD
	0		
0 	-4-		-5-



264953

LOCATION Blawa KS FOREMAN Cavey Kennedy

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
12/12/13	5954	Finnerty # 33		SEII	15	20	D6
CHSTOMER	roc Ene	•		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRI	ESS	<i>7</i> /		729	Casken	VSatoly	leeting
120 S	those line	Dr		_57	Backoo	V	
CITY		STATE ZIP CODE		558	Mat Coc		
Louis	alra	RD 66053		675	KeiDet	V	
JOB TYPE	Surface	HOLE SIZE 97/2"	HOLE DEP.	TH_94'	CASING SIZE &	WEIGHT $7^{"}$	
CASING DEPTH	92	DRILL PIPE	TUBING			OTHER	
			_ WATER gal	sk CEMENT LEFT in CASING/			
DISPLACEMEN	T 3.25 HIS	DISPLACEMENT PSI	MIX PSI		RATE_4	xu,	
REMARKS: Le	eld safety.	neetin, establish	ed circu	lation, ni	ixed & pur	god 710	Sts 3950
Pozurix	coment i	veeting, establish	- Sk, a	lisplaced c	ement u	13.92 F	bls tresh
uxter, sh	nut in cas	ing.					
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	We'll						
		4.1000					

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54013	1	PUMP CHARGE		870,00
5406	20 mi	MILEAGE		8.4.00
5402	92'	rasing footage		
5407	nainimon	ton mileage 80 Vac		368,00
5502C	2 hrs	80 Vac		180.00
1124	76 sks	50/50 Poziniv comint		874.00.
11183	128 #	Fremion Gel	कर,	28.16
			v.	-
			completer	
		7.15%	SALES TAX	64.50

AUTHORIZTION No Co Rep on location

TITLE

OTAL 12468.66

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



A.

264954

TICKET NUMBER 44954 LOCATION Off Garage FOREMAN Algu Mades

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WEL	L NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
12.18.13	3954	Figures	14 *	33	5E 11	13	20	DG
CUSTOMER OTP 1 MAILING ADDRI					TRUCK#	DRIVER Ala Mad	TRUCK#	DRIVER
120	Shore	line &)_		368	ANI MCD	Jajery	Meet
CITY		STATE	ZIP CODE]	369	DerMas		
Louisb		155	66053		510	Set Juc	*	
JOB TYPE_	Un 21 -		5'5/8_	HOLE DEPTH	19/102	_ CASING SIZE & V	The state of the s	18
CASING DEPTH		DRILL PIPE		TUBING				20
SLURRY WEIGH DISPLACEMENT	3/4	SLURRY VOL_ DISPLACEMEN	T PSI 200	WATER gal/s	k	RATE 4 60		
REMARKS: H		etias_	Estab			1	casias	
. 4	& Primat		tael for	Howed	2 km 1	33 1518	50150	>
CAMPA	./ /		1421, C	irchla	tell c.	ementi	Flughe	0
Dumpi	Primpeo	2 plus	1 1	affle.	Well	held g	300 PST	
Set 2	Flogt	C105.	ed val	UP	*		1764	
	10	145.00	Sec. 38					
701	1/120						-11	A
/_05,	Wes			4		1 12	W/1/Cls	u _
ACCOUNT -	QUANITY	or HAITS	DE	SCRIPTION of	SERVICES or P	PODUCT	LINIT ODICE	707.1
CODE	GOANITT		-		- SERVICES OF F	NODOCI	UNIT PRICE	TOTAL
5701			PUMP CHARG	Ε		368		1085 9
3406	20		MILEAGE			368		84.00
5402		32'	Ca5:n	5 100	stase	368		21.000
5407	MSI	1	1000	VILLES		369		36800
3302C			01/	40		767		100-
124	1.3	3	50150	D CEV	nont			1529.50
11183	32	9#	90	*	-		Tig.	72.38
4402	Va		21/0	Nas				29.50
1100			a -a -	13		v.*		0100
	e i e e e e e e e e e e e e e e e e e e							
•								
			EAST NO.					
	8. 17. 11. 11. 14. 14. 14. 14. 14. 14. 14. 14		-0			TO TO	complet.	
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	l.						-	2 2 2 3 5 5
								V
			-V					- 711 11 -
Ravin 3737	120 0	OM DOM	1 NEP				SALES TAX ESTIMATED	1.16.65
Ravin 3737	NO CI	ompan	rep			1 N	SALES TAX ESTIMATED TOTAL	3465.03

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.