

Kansas Corporation Commission Oil & Gas Conservation Division

1137001

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

1137001

Operator Name:			Lease Name):		_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clos	sed, flowing and shut s if gas to surface tes	I 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 temperature, fluid
Orill Stem Tests Taken (Attach Additional S		Yes No		Log Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geolo	ogical Survey	Yes No	N	lame		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	I Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
			RECORD	New Used intermediate, product	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
		ADDITIONA	L CEMENTING / S	SQUEEZE RECORD			
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Shots Per Foot	PERFORATIO Specify F	ON RECORD - Bridge Pluootage of Each Interval Pe	gs Set/Type rforated		cture, Shot, Cemen		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water B	bls.	Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole		ually Comp. Co	mmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:

Douglas County, KS Well: Finnerty #24

Lease Owner: R.T. Enterprises

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

Commenced Spudding: 04/16/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
4	Soil/Clay	4
77	Sand	81
2	Shale	83
3	Lime	86
117	Shale	203
5	Lime	208
6	Shale	214
14	Lime	228
7	Shale	235
9	Lime	244
4	Shale	248
4	Lime	252
15	Shale & Shells	267
2	Shale	269
15	Sandy Shale	284
16	Sand	300
20	Lime	320
18	Sandy Shale & Sand	338
56	Shale	394
22	Lime	416
14	Shale	430
6	Lime & Shale	436
5	Lime	441
16	Shale	457
8	Sand	465
16	Lime	481
5	Shale	486
1	Lime	487
12	Shale	499
22	Lime	521
10	Shale	531
23	Lime	554
5	Shale	559
3	Lime	562
5	Shale	567
5	Lime	572
5	Shale	577
13	Sand	590
52	Shale	642
15	Sandy Shale	657

Douglas County, KS Well: Finnerty #24 Lease Owner: R.T. Enterprises

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

Commenced Spudding: 04/16/2013

33	Shale	690	
10	Sand	700	
6	Sandy Shale	706	
34	Shale	740	
6	Lime	746	
6	Shale	752	
1	Lime	753	
3	Shale & Lime	756	
11	Shale	767	
10	Lime and Shale	777	-
11	Shale	788	
3	Lime		_
4	Shale		_
5	Sand		-
10	Shale	800	_
2	Lime	810	
31	Shale	812	_
5	Sand	843	
4	Sand	848	_
4		852	
4	Sand	856	
8	Sand	860	_
12	Sand	868	
8	Sand	880	
	Sand	888	
6	Sand	894	
4	Sandy Shale	898	
82	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 - harrels 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 - 20 + 1.57(D + d) + $\frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS:

WATTS VOLTS = AMPS

746 WATTS equal 1 HP

Log Book

Well No.

24

Farm_ F, N	nerty	
(State)		Suche S
		10
(Section)	(Township)	(Range)
For (2)	(Well Owner)	200

Town Oilfield Services, Inc.

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

Farm: Douglas County	11				
State; Well No.	1				
Elevation_ 107 4					1.
Commenced Spuding 4-16 2013		1			
Finished Drilling 1-19 2013					4
Driller's Name Och Weller		1			-
Driller's Name	41	Ť			
Driller's Name	1.5	1)
Tool Dresser's Name	020				
Tool Dresser's Name	(#)				_
Tool Dresser's Name	ē				-
Contractor's Name TOS	*				-
15 20	ħ.				
(Section) (Township) (Range)	*				-
Distance from S line, 1155 ft.	13				-
Distance from E line, IICO ft.	10417				_
0019-0036 -10 mg					-
*					3 -1 2
					-
Comery by consolidated					_
CASING AND TUBING		TE			
RECORD					

10" Set 10" Pulled		 		34	
7 8" Set 40 8" Pulled				**	
6%" Set 6%" Pulled	-				
4" Set 4" Pulled			- -		
2"7: Set 951 10					
27 set 951 10 2" Pulled		-1-			
dec 10			565		
		(9)			

Thickness of Strata	Formation	Total Depth	Remarks
	soil des	1.4	Normans
77	Sund	81	- water - 50
2	idrale.	83	
:3	Line	460	(
117	shale	203	
-5	Livie	26%	
G	sheile	214	
14	Livne	338	
7	eskelle	235	
<u> </u>	Sime	21414	
1-1	- shoole	348	
- μ	Line	252	
15	execte + shell	F-26 2	
2	3/2/3	265	
15	sind velicite	3511	
70-	scad	300	one starte stone amore it is
80	Livie	320	and some sandy shale in
	artisticters	338	and a sound
56	2/2/6	304	-
33	Line	416	
2:4	2/12/60	430	
<u>(</u>	inet shale	,430	
5		11.12	
16	sharke	T3F1	
-8	- swe	1465	eday very little oil
5		481	1
4,3	-2-	486	

-3-

	186	<u> </u>	
Remarks	Total Depth	Formation	Thickness of Strata
. Itemans	447	Line	- 5
	499	sheele	12
506-506, year 1.446 blood	521	Live	55
505-506, yeary 1.446 bleed	531	shale	10
	55'4	Livie	33
	2234	3/2/6	- 5
	562	Same	3
	567	Shorte	5
I-lev- Naco	572	21111	5
)-16:1-4) (577	shede	5
	590	send	7.3
	042	Shr.le	52
	657	sindystale	15
	640	Sherle	23
odor very 1.14/2 al	700	Sen d	10
odor, very 1.141 e al	704	sandy shale	C.
	7140	Sixile	314
	746	Livre	Ç
	752	Skele	<u>(</u> c
	753	1-111 C	
	756	Sicile & Line	E.
	<u> </u>	5/10/0	11
	777	Sinc & sheile	10
5	788	Shorte	_11
	791	L.1176	3
	795	shale	4
	500	50,0	5

-5-

Thickness of	# 2X	1 300	
Strata	Formation	Total Depth	Remarks
10	shele	810	
2	Live	213	
31	shede	543	
-5	Sund	848	Broker - 5% a.
- t'	SUND	852	15%, 20% 6 6.1
۲'	Sund	856	50/001
1	Sund	860	10/00.1
8	Send	368	20% 21
192	bowe	880	90% - 501.0
8	4,500 €	858	756 0.1
Lee .	Some	2014	दल्ला - al. d
	such shope	898	
25	-Jacobe	940	TO E COME Wheek sindsed
-			
	10-		
-			

-7-



258132

LOCATION OHOUS KS

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

FIELD TICKET & TREATMENT REPORT

DATE CUSTOMER# WEL	L NAME & NUMBER	OFOTION:			
11/ 1- 1-	N. C.	SECTION	TOWNSHIP	RANGE	COUNTY
CUSTOMER S954 Fixuety	# 94	SE 11	15	20	06
Dienroc		25		1 - 12 (5)	100
MAILING ADDRESS	0)	TRUCK #	DRIVER	TRUCK #	DRIVER
120 Shoreline Dr		481	Carlon	VELI	The state of the s
OITY	W	666	Call	-a tery	lasting.
CITY	ZIP CODE	CAC	Garmoo	V	
Louisburg KS	66053	STE	Mik Haa	-	
1 / 1	11/ 11	675	KeiDet	/	
ē, i	HOLE DE	PTH_ & 6 '	CASING SIZE & V	VEIGHT Z"	
	TUBING				
SLURRY WEIGHT SLURRY VOL	WATER	jal/sk	0545	OTHER	
DISPLACEMENT 3 bbls DISPLACEMENT			CEMENT LEFT in	CASING /4	
REMARKS: held safety medine			RATE 4.5	bon	
Sol- O-	established	cicolation	ni ked +	aur ned	40 6
per st, rement to surf short in casing.	27. gel, 2	To Calcium	Chlorida	of We #	F/ 4
per SK, coment to surf	ace displace	ed course. +	10/ 2/	11/1	+ 10 seal
shot in casina.		Cernam	w/ 5 L	abls Hest	1 water
9	(m				
			-	<u> </u>	
			1 17		
2.2		TI		7	
	***************************************	1	7	/	
			// ,		

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	
54015	1	PUMP CHARGE	OMIT PRICE	TOTAL
5406	on lease	MILEAGE		825.00
5402	86'	casing tootage		
55020	1 hr	80 Vac		
5407	minimous	ton mileage		90.0
		fan Miege		350.4
1124	48 des	50/_ D .		
1118B	SI #	Diemion Gol		525.60
1102	81 #	Chiemion Gol		17.01
1107	12 #	Calcium Chloride		59.94
		FloSeal		98.30
	11314	- (1-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4		
			9 11	
			- aamnig	tad +
			A GUMPI	A E CR gu
		12		
3737		73%	SALES TAX	46.05
_			ESTIMATED	0.111

AUTHORIZTION Co, Rep on location TITLE TOTAL 1941, 80

Acknowledge that the payment terms, unless specifically amended in writing and the second seco

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



258161

TICKET NUMBER_ LOCATION Ottawa KS FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL NAME & NUMBER	SECTION	TOWN		
4/19/13			SECTION	TOWNSHIP	RANGE	COUNTY
CUSTOMER	5954	Finnerty # 24	SE II	15	20	06
Dien	VAC			The state of the s	· 格爾門士 化二	ywy. A I i
MAILING ADDRE	ESS		TRUCK#	DRIVER	TRUCK #	DRIVER
15.			7/2	FreMad	Safety	YVIda
CITY	Shore 12nd	TATE ZIP CODE	495	Harbec	#B #	0
Louisb			369	Der Mas	DM	
	78	- 2	510	SexTuc	ST.	
JOB TYPE LO		HOLE SIZE STATE HOLE	DEPTH_ 9 6-1)	CASING SIZE & W		EUE.
CASING DEPTH	9510	IRILL PIPE Baffle P M TUBIN	16 @ 919		OTHER	
SLURRY WEIGH	IT S	LURRY VOL WATE	R gal/sk	CEMENT LEFT in C		21.
DISPLACEMENT	5.348Bu	ISPLACEMENT PSI MIX P	SI	DATE CARA	Maing Ja 1	Ping
REMARKS: 14				RATE SBPN	**	
flus	. #	neeting Establis	n fump rate	· VILIX FPU	mp 100"	ack
and the second s	The second secon	1 53 81CS	50/50 Por 11	x Cemon	£ 2% ()	7
la	1000	orface. Flush pu	mp + lines c	lean, Dis	place 2	፮ "
100	wer plug	TO NOTE MEAN	the Proces	J 4	00# PSI.	
Kele	pase press	ure to sex float Vo	Wer Shux in	Casins		
				7		
					-	
Service Co.		3.5		1/2	-	
TOS	Drilling			7,0)	W-0-	
	7			1-00)	aou	
ACCOUNT	CONTRACTOR OF TOTAL VALUE					

ACCOUNT QUANITY or UNITS		DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401		PUMP CHARGE			
5406	20mi	MILEAGE	495		103000
5402	951	Cosine for Lane	495		8000
5407	1/2 Mini nevy	Cosing Footage		1	NIC
5502C	1/2hr	80 BBL Vac Truck	5/0		175°
		The work	369		135°
1124	/35 S.K.S	50/50 Por Mix Comment		lan and the same of the same o	
1118B	327*	Premion Gel			14783
4402		1 25" Rubber Plus			686
					- o25-
					-
			W.	enmy	olel -
				Paris	
			W 9		
3737			7.3%	SALES TAX	114 96
HORIZTION	chil (1)			TOTAL	310988

TITLE_ 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