

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1138047

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to: w/ 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	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 #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date 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

	Side Two	1138047
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sh	eets)	Yes No		-	n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	 Yes No Yes No Yes No 					
List All E. Logs Run:							
		CASIN		lew Used			
		Report all strings se	et-conductor, surface, in	termediate, producti	on, 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 / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	DSITION OF GAS: METHOD OF COMPLE			TION:		PRODUCTION INT	ERVAL:			
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Douglas County, KS Well: Finnerty 30 Lease Owner: R.T. Enterprises

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

WELL LOG

15-045-21905

hickness of Strata	Formation	Total Depth
3	Soil/Clay	3
73	Sand	76
2	Lime	78
120	Shale	198
5	Lime	203
7	Shale	210
14	Lime	224
8	Shale	232
8	Lime	240
6	Shale	246
3	Lime	249
8	Shale & Shells	257
8	Lime	265
15	Shale	280
16	Sandy Shale & Sand	296
18	Lime	314
24	Sand & Sandy Shale	338
52	Shale	390
21	Lime	411
16	Shale	427
4	Lime & Shale	431
4	Lime	435
17	Shale	452
6	Sand	458
18	Lime	476
6	Shale	482
1	Lime	483
13	Shale	496
23	Lime	519
9	Shale	528
23	Lime	551
4	Shale	555
4	Lime	559
4	Shale	563
5	Lime	568
4	Shale	572
11	Sand	583
39	Shale	622
40	Sandy Shale	662
23	Shale	685

Douglas County, KS Well: Finnerty 30 Lease Owner: R.T. Enterprises

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

SandSandy ShaleShaleLimeShaleLimeShale & LimeShale & LimeShaleLime & ShaleLime & ShaleShaleShaleShaleShaleShaleLimeShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleLimeShaleLimeLimeLimeShaleLimeLimeShale	695 700 741 747 753 754 759 767 775 789 792 797 802 804 807 812
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ShaleILimeIShale & LimeIShaleILime & ShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleIShaleI	753 754 759 767 775 789 792 792 797 802 804 804 807 812
LimeShale & LimeShaleLime & ShaleShaleLimeShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleShaleShale	754 759 767 775 789 792 792 797 802 804 804 807 812
Shale & LimeShaleLime & ShaleShaleLimeShaleShaleShaleShaleLimeShaleShaleShaleShaleShaleShaleShaleShaleShaleLimeShaleShale	759 767 775 789 792 797 802 804 804 807 812
ShaleLime & ShaleShaleLimeShaleShaleShaleSand & Sandy ShaleShaleLimeShaleShaleShaleLimeShale	767 775 789 792 797 802 804 804 807 812
Lime & ShaleShaleLimeShaleShaleSand & Sandy ShaleShaleLimeLimeShale	775 789 792 797 802 804 804 807 812
ShaleLimeShaleSand & Sandy ShaleShaleLimeShale	789 792 797 802 804 804 807 812
Lime / Shale / Shale / Shale / Shale / Lime / Lime / Shale / Shale / Lime / Shale / Sh	792 797 802 804 807 812
ShaleSand & Sandy ShaleShaleLimeShale	797 802 804 807 812
Sand & Sandy ShaleShaleLimeShale	802 804 807 812
Shale Lime Shale	804 807 812
Lime Shale	807 812
Shale	812
Shale	814
Lime	836
Shale & Lime	838
Sand	846
	849
	850
	852
	856
	860
	864
	866
	878 982
	Sand Sand Sand Sand Sand Sand Sand Sand

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) + (D-d)²

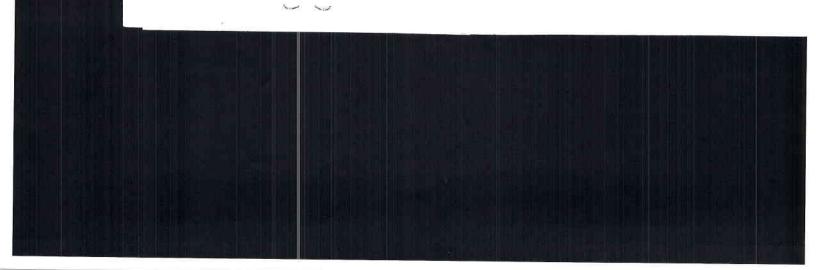
* Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

Log Book

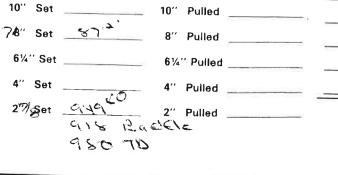
Well No.)	
Farm_ <u>Ainne</u>		
(State)	(County)
(Section)	ا⊈ (Township)	<u>ඩ</u> ි (Range)
For_12.7	Enterpri (Well Owner)	<u></u>

Town Oilfield Services, Inc.

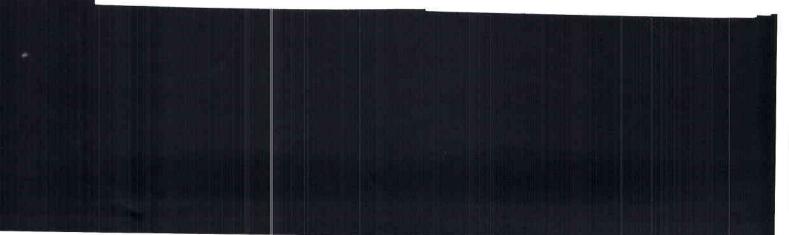
1207 N. 1st East Louisburg, KS 66053 913-710-5400



finner+ Farm: Doubles County		
KS State; Well No. 30		and the set
Elevation		
Commenced Spuding 20_13		
Finished Drilling $20 \frac{13}{2}$		
Driller's Name Church Wech	s 10	
Driller's Name		
Driller's Name		1
Tool Dresser's Name Concy Darry	10	
Tool Dresser's Name		
Tool Dresser's Name	2	1
Contractor's Name TOS	9	1
11 15 20		
(Section) (Township) (Range)	-	
Distance from line, \$35ft.	5 4 6	
Distance from line, 1800ft,	z.	100
	2	
	-	
	-	- I.,
	2. 	
CASING AND TUBING	-	
RECORD	(1	
10" Set 10" Pulled	-	
8" Set <u>ຮ</u> ີ້ 8" Pulled		
6¼" Set 6¼" Pulled		
4" Set 4" Pulled		



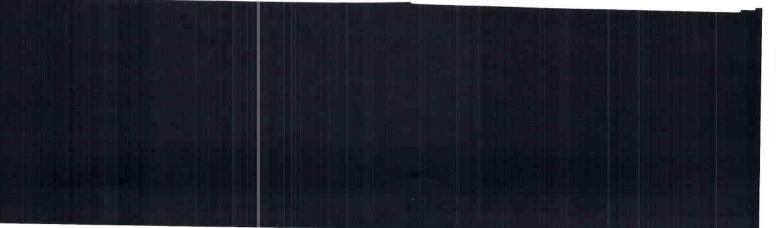
-1-



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Thickness of Strata	Formation	Total Depth	Remarks
is,	soil / clay	2	Nomeino
73	sund	76	
2	Lime	7%	
120	encle	198	
5	Line	203	
7	shelle	210	
24	Line	224	
8	Shale	232	
58	Linne	240	
6	She le	2'46	
S	Livence	2:49	
×	sheled shelle	257	
જ	Live	245	
15	shale	280	
16	sindystyleter	2 296	
155	Jime	314	
24	sanda sundy suc	K-338	
52	shale	3.0	
21	Linne	411	
16	ameile	427	
<i>'</i> +	Limeschal	431	
4	Lime	435	
17	shella	452	
í.	sind	458	
155	Line	476	
6	Shele	482	
1	Line	483	

-3-



hickness o	f Formation	Total	
Strata		Depth	Remarks
13	Shele	49C	
23	Lima	519	- 502' 503' - oil + some black
9	shale	528	- 502- with a some holder
23	Live	551	
14	the de	555	
14	Lime	= 59	
<u>+'</u>	shele	563	
٤/۶	Lime	568	He-the
4	sphele	572	
) \	es con 2	283	
39	sheile	:.22	Srey, NO OIL
40	sandychala	442	
23	shale	1.85	
10	sind	695	
5	sind y shelle	700	
41	shale	741	
6	Linne		
4	Shaile	753	
1	LIVNE	754	
5	shaled time	759	
8	shele	767	
S	Lime & shale	175	
Ŀί	Shelte	789	
3	Line	792	
5	shalla	-197	
5	sind & sind, shek	800	
2	shele	204	

-5-



hickness of Strata	Formation	Total	Remarks
3	1	Depth	Tomars
5	Livie	805	
	sheile	810	
	1_ime	1.812	SIX-ned Lacd
22	encle	234	
13	Live	834	<u> </u>
2000	sheled Line	×39	
5	Strile	5114	
3	socand	547	odor, 2% orl
	- sund	648	90% - wid made blooding
2	Sind	860	30%-40%
$\frac{1}{\rho}$	Sund	204	6040-70%
4	- sundy Line	828	10% - 20%
	<u>sund</u>	362	- 50%
2	surlyshale	564	2%
12	smdy Shall	876	TD all Areds
104	ashicile.	080	
			to be have a
	0		1 De No.
			to
	-00		
	0		
	10		

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676	TICKET NUMBER 41771 LOCATION Hous, KS FOREMAN Con Kennedy
620-431-9210 or 800-467-8676 DATE CUSTOMER # WELL NAME & NUMBER 4/30/13 5954 Fignerty # 30 CUSTOMER 0 enroc MAILING ADDRESS 120 Shoreline Dr CITY Louisburg KS 66053 JOB TYPE Sorface HOLE SIZE 91/2" HOLE DE CASING DEPTH 87' DRILL PIPE TUBING SLURRY WEIGHT SLURRY VOL WATER 9 DISPLACEMENT 36605 DISPLACEMENT PSI MIX PSI REMARKS: hole sately meding, established cit Pozniv coment w/ 290 Premisur Gel cement w 3 bb/s Fresh water, shot in	ENT SECTION TOWNSHIP RANGE COUNTY CE 11 20 DG TRUCK # DRIVER TRUCK # DRIVER TRUCK # DRIVER TRUCK # DRIVER 481 Casken V Satety Medric Uddo Garloo V 570 Set Tusc V (275 Kei Det V TH S9' CASING SIZE & WEIGHT OTHER RATE 45 RATE 45 5%
	AQ

CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE		TOTAL
5406	on lease	MILEAGE		870,0e
5402	87'	casing tootage		
5502C	1.5 hrs	Selvac		
5407	minimum	ton mleage		135.00
		iba Mileage		348.00
1124	40 gg		·····	
11188	67 #	To to znix cement		460.00
		7/50 Poznix cement Fremium Gel	3.0	14.74
			_	
vin 3737			CALED TAX	0111
			SALES TAX ESTIMATED	34.66
	Vo Co. Rep. on	logation THE	TOTAL	1882.40

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	CONSOLIDATED

258501

LOCATION Alawa KS FOREMAN Casey Kennedy

COUNTY

DA

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676 DATE CUSTOMER # 1

511

CUSTOMER

13

anute, KS 6672 800-467-8676			ORT	100y Kenner	L
CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	1	
5954	Finnersh # 30	CF	TOWNSHIP	RANGE	
		<u>SE 1(</u>	L 15	20	Γ

U uroc		and the second sec	Although a service a servi		and a state of the second state of the
MAILING ADDRESS		TRU	CK # DRIVER	TRUCK #	DRIVER
120 Shore line	Drive	481	Gesken		
CITY	The second secon	666	GarMoo	1 maryne	eting
Laisburg	STATE ZIP CODE	548	Mik Hag		
	NJ (06053	1040	- Kan I		
JOB TYPE longstring	HOLE SIZE SS	HOLE DEPTH 980	- nei Det	V	1
CASING DEPTH 949	DRILL PIPE	TUBING baffle -9	CASING SIZE &	WEIGHT 27/8	"EUE
SLURRY WEIGHT	SLURRY VOL		and the second se	OTHER	
DISPLACEMENT 5.3/66	DISPLACEMENT PSI	WATER gal/sk	CEMENT LEFT	CASING_31	
REMARKS: held safely m	1 /1.1	MIX PSI	RATE 4.56		
		circulation,	rixed + pumpe	d 200 # F	h
Gel tollowed by 10	bbls Front water	mixed t pur	weed 145 the	1100	
	elper & cemen		M I I	150 FBA	
rubber plug to Carrie	a atto baitle w/	5.31 bols fra	Flushed pump	cian pur	weed 215"
released pressure		STOT DUS FRO	in water pr	essired to	Soo Par.
1	in in the second	•	<u></u>		
1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1				10	
released pressure	that in casing	•		A A	BOO Hay

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		
5401 00	1	PUMP CHARGE	UNIT PRICE	TOTAL
5406	20 mi	MILEAGE		1085.00
5402	949'			84.00
5467	1/2 minimum	casing tootage ton nulleage		
SSODC	2 hrs	So Vac		184.00
				180.00
1124	145 sks	Sola Pasi		
11188	444 #	Sofo Poznix coment		1667.50
4402	1	Premium Gel		97.68
		21/2 " subser plug		29.50
	a			
		1	a romnio	ton
		· · · · · · · · · · · · · · · · · · ·		
		5		
1 3737			SALES TAX	131 01
	Co. Rep. on loca	1	ESTIMATED TOTAL	245069

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.