

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1107279

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

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	1107279
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 Shee	ets)	Yes	No	Lo	-	n (Top), Depth an		Sample
Samples Sent to Geologi	cal Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted El (If no, Submit Copy)	lectronically	☐ Yes ☐ ☐ Yes ☐ ☐ Yes ☐	No					
List All E. Logs Run:								
		CA	SING RECORE	D Ne	w Used			
		Report all string	gs set-conductor,	surface, inte	rmediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		eight s. / 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	Depth		
TUBING RECORD:	Siz	:e:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed Pr	roducti	on, SWD or ENH	۲.	Producing M	lethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITION	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /		Commingled (Submit ACO-4)		
(If vented, Subm	nit ACO	-18.)		Other (Specify)						

Douglas County, KS Well: Pearson 25 (913) 837-8400 Commenced Spudding: 12/17/2012 Lease Owner: R.T Enterprises

#### WELL LOG

Thickness of Strata	Formation	Total Depth
0-11	Soil-Clay	11
51	Sand	62
138	Shale	200
5	Lime	205
6	Sandy Shale	211
14	Lime	225
7	Shale	232
8	Lime	240
5	Shale	245
18	Shale	263
17	Shale	280
12	Sandy Shale	292
5	Sand	297
19	Lime	316
15	Sand	331
60	Shale	391
22	Lime	413
12	Shale	425
5	Shale	430
7	Lime	437
23	Shale	460
17	Lime	477
5	Shale	482
1	Lime	483
13	Shale	496
5	Lime	502
0.5	Lime	502.5
17.5	Core	520
7	Shale	527
23	Lime	550
3	Shale	553
4	Lime	557
4	Shale	561
5	Lime	566
118	Shale	584
8	Sand	692
6	Sandy Shale	698
41	Shale	739
6	Lime	745
6	Shale	751

Douglas County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Pearson 25 (913) 837-8400 12/17/2012 Lease Owner: R.T Enterprises

1	Lime	752
5	Shale	757
6	Shale	763
12	Lime	775
10	Shale	785
3	Lime	788
17	Shale	805
3	Lime	808
25	Shale	833
2	Lime	835
2	Shale	837
6	Sandy Shale	843
19	Sand	862
34	Sand	896
2	Sandy Lime	898
82	Shale	980-TD
		000-10
~		
	-	
	-	
	-	

	Core	
		502.5
2	Lime	504.5
1	Shale	505.5
9	Lime	514.5
1	Shale	515.5
4.5	Lime	520

# Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D<sup>2</sup>x.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 - RPM)(D 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 TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

# Log Book

Well No. 25

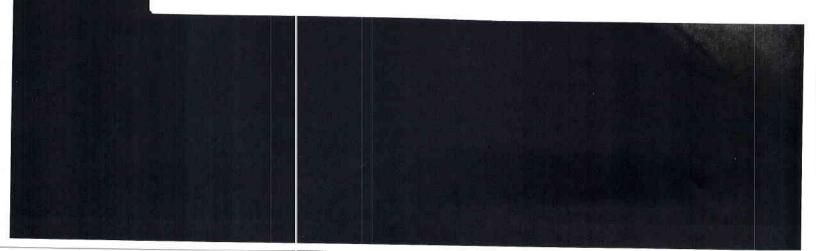
Pearson Farm

Docalas KS (State)

11	15	20
(Section)	(Township)	(Range)
0		

For R. T. Enterprises (Well Owner)

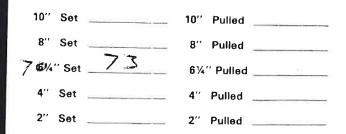
Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053 913-710-5400



KS States Well No. 25 KS State; Well No.\_ 10 75 Elevation\_\_\_\_ Dec 17 Commenced Spuding \_20/0 ) cc lan Finished Drilling WESLE Driller's Name Driller's Name Driller's Name Rygn Ward Tool Dresser's Name Tool Dresser's Name Tool Dresser's Name DS Contractor's Name 15 20 11 (Section) (Township) (Range) 5 2120 Distance from tine, ft. E 840 Distance from \_\_\_\_ line, ft. 1 core

# CASING AND TUBING

16 hrs



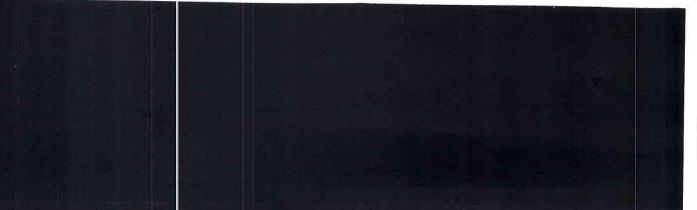
### CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
928		Saff	C		71
Pino		-0		2	4
959.	6	floe	(+		17
		_			
			_		

-1-



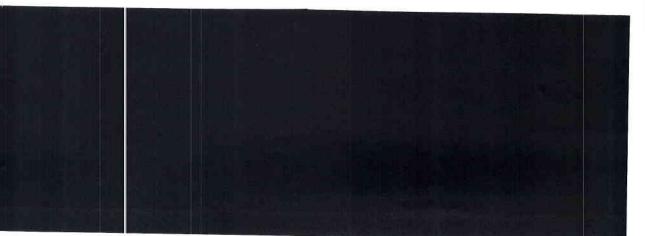
Thickness of Strata	Formation	Total Depth	Remarks
0-11	soil- clay	11	- Nentains
51	Sand	62	40°-water
135	Shall	200	
5	Lime	205	
6	sandy shale	211	
14	Lime	225	
7	shale - slate	232	-
8	Line	240	
5	Shule	245	
18	Shele & Shells	263	
17	Shale	280	
12	Sandy shale	292	
5	Samel & sandy stale	297	no Oil
	Lime & Shells	316	
15	sand & sondy shale	331	no Dil
60	shale	391	
22	Line	413	
12	Shale	425	
5	Shalr & lime	430	
7	Lime	437	
23	shile	460	
17	Lime	477	
5	shale	482	
13	Linne	433	
	shelt	496	
6	Lime	502	
0/	Linne -2-	502.5	Oïl



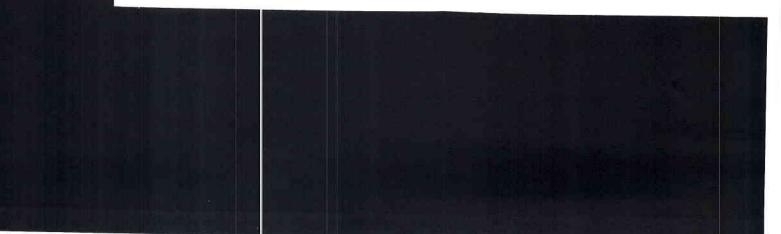
4

-3-

hickness of Strata	Formation	Total	
17.5	core	Depth 520	Remarks
7	Shale	527	
23	Linie	550	
3	shale - slate	553	
4	Lime	557	
4	Shale	561	-
5	Lime	566	Heither
118	shale	684	
8	Sand	692	Slight Show
6	Sandy Shelle	698	
41	Shalle	739	
6	Lime	745	-
<i>ب</i>	shale	751	
1	Lime	752	7
5	Shar & lime	757	
6	Shale	763	
12	Lime & shale	775	
10	Shale	785	
3	Lime	788	
17	Shale	805	
3	Line	808	
25	Shale - redbed	833	
2	Lime	\$35	
2	shall	837	
6	Simily shale	843	
19	Sand	862	broken - 50% Oil Solid - good saturation
34	Sand	896	Solid - good saturation

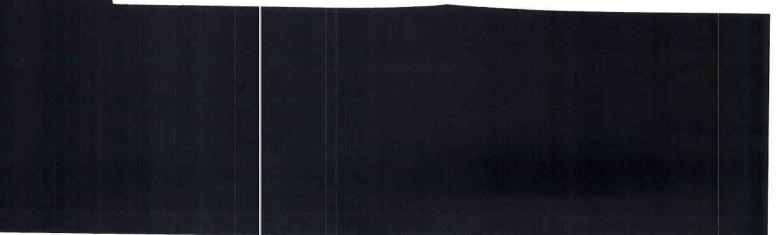


Thickness of		396	
Thickness of Strata	Formation	Total Depth	Remarks
R	Sandy line	898	no dil
32	Shale	980	TO
			1 1
	1		
	14		
	-6-		



Là le

nickness of Strata	Formation	Total Depth	Remarks
		502.5	
2	Lime	504.5	Oil - best Oil
1	shale	505.5	no Dil.
9	Linne	514.54	white - tosails - clear crystal
			pockets of oil
1	shale	515.5	
4.5	Lime	520	NO Dil
	- m.c		
		4	
		4	



	14) 154	* E	й ў <sup>1986</sup> П			
	ONSOLIDATED	8		TICKET NUM		20000
	Oil Wall Sarvices, LLC	se <sup>a</sup> lla 192 <sup>10</sup> - 53 V				39006
			8 - S	LOCATION (	stawa,	17
PO Box 884, C	hanute, KS 66720	FIELD TICKET & TREA	TMENT REP		sey Ken	redy
	51 000 401-0078	CEMEN	NT	UN1	8 C 68	an the second
DATE	CUSTOMER # V	VELL NAME & NUMBER	SECTION	TOWNSHIP	DAMOR	1
12/19/12 CUSTOMER	Pear	sion #25	SE 11	15	RANGE	COUNTY
0.	-roc Energy		La contrata a series	1 (S	20	DG
MAILING ADDR	ESS Chergy	the second s	TRUCK#	DRIVER	TRUCK #	
120	Shoreline Driv	0	481	Carken	VSafet	Meeting
CITY	STATE	ZIP CODE	lotelo.	Gartigo	V	yrueng_
Louisle		-	548	Mik Haa	V	
JOB TYPE lon		66053	675	Kei Det	V	
CASING DEPTH	lai o'l		And the Party of the second seco	CASING SIZE & W	EIGHT 27	STEVE
SLURRY WEIGH		TUBING ba		(1) 1.4.5 Ki	OTHER	
DISPLACEMENT	5.3766/5 DISPLACEM			CEMENT LEFT in	CASING 3	21
REMARKS: hel				RATE 4.56	2m	
0 0 0 11	und 1 10 1/12	r established arcul	ation, no	ind in a	183 200 10	# Premisin
ement	w/ 2% gelper	The water, mixed	et pumpe	d 143 the	50/50	Pozny'x
21/2" rub		The second second	surface f	lushed ou.	up clea	
1	ressure chut in		tresh wat	er, prossur.	ed to 8	OO RU
6	coure , and the	casing		· · ·		
8 gl						
-				1 - 1		
				T		
				_/		
ACCOUNT	QUANITY or UNITS	T			$T_{\alpha}$	
CODE		DESCRIPTION of S	SERVICES or PROL	DUCT	UNIT PRICE	TOTAL
STOI	l	PUMP CHARGE	14 C			
5406	20 mi	AN EAGE				1030,00

		UNIT PRICE	TOTAL
1	PUMP CHARGE		
20 mi			1030.00
9100'			_ 80.00
1/2 naioinna		1	
1 Thank	ton mileage		175,00
110 115	iso vac		135.00
			1.00.
143 \$s	50/50 PORUS COLUMN	f	
340 #	Dean Call		1565.85
	DV 11 June Sel		71.40
	12/2 rubber plug		28.00
			0.01
10-10-10-10-10-10-10-10-10-10-10-10-10-1			
	AND A THE DE TERMENT		
		-	
			ti.
			i i
The second	t. 5 6	SALES TAX	12:1556
110 Co Dec.		TOTAL	3.20%.81
	1 20 mi 91e0' 12 minimum 1.5 hrs 143 \$ 340 # 1	Image       Image         AO mi       MILEAGE         9LeO'       Casing footage         1200       Image         1200       Image         1200       Image         1200       Image         1200       Image         143       Image         144       Image         145       Image <t< td=""><td>AO mi MILEAGE 91e0' (Casing too tage 1/2 minimum ton mileage 1.5 hrs (SO Dac 143 \$\$ 50/50 Poznix rement 340 \$\$ Premium Gol 1 21/2" rubber plug</td></t<>	AO mi MILEAGE 91e0' (Casing too tage 1/2 minimum ton mileage 1.5 hrs (SO Dac 143 \$\$ 50/50 Poznix rement 340 \$\$ Premium Gol 1 21/2" rubber plug

AUTHORIZTION NU Kep. on location TITLE 0 1

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.

	ONSOLIDATED			TICKET NUM	BER 3	9027
20 A	Dil Welli Services, LLC	100 and		LOCATION		and the second se
		at 15		FOREMAN	11	a die
PO Box 884, Ch 620-431-9210 o	anute, KS 66720 FI r 800-467-8676	ELD TICKET & TREA CEMEI		PORT		aue
DATE	CUSTOMER # WE	LL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-17-12	le le	anson #25	SE 11	1.5	22	N
CUSTOMER		2	BR PRICE MEDINE			The state of the second
MAILING ADDRE	ss · · · ·		TRUCK#	DRIVER	TRUCK#	DRIVER
120 ch	preline Dr		516	Manad	Sater	Meet
CITY ON	STATE	ZIP CODE	368	Arma	AM	3 I
Louirl	bure 155	66053	069	Jer Mas	Dm	
IOB TYPE (U	FaceHOLE SIZE	HOLE DEPT	1538	Dre Mar	BM:	
ASING DEPTH	23 DRILL PIPE	TUBING	H	CASING SIZE & V		1 ··· .
SLURRY WEIGHT		VATER gal/	lek		OTHER	-
	DISPLACEME			CEMENT LEFT IN		2
REMARKS: H.J	020		Mixed &	RATE 46pu	26	
cemen		1 Clacialation	, , , , , , , , , , , , , , , , , , , ,	umped .		301.50
Coches	1 the diage	to Clar	ceme	puti Di	splaced	e
Choing	Clean V	ualtri Llos	rd Da	IV.e.	<u> </u>	
	energy in the second			******		1.
····· /·····			1.11			
T0.5. V.	les					
	-0		÷			
			· · · · ·			х. 
				Alaw M	ale.	2 
ACCOUNT	QUANITY or UNITS	DESCRIPTION	of SERVICES or PI	Alaw M Roduct	UNIT PRICE	TOTAL
ACCOUNT CODE	QUANITY or UNITS		of SERVICES or PI	1	UNIT PRICE	TOTAL
CODE JUNS	QUANITY or UNITS	PUMP CHARGE	of SERVICES or PI	368	UNIT PRICE	TOTAL 825.0
CODE 54015 5406	QUANITY or UNITS	PUMP CHARGE		368 368	UNIT PRICE	
CODE JUNS	QUANITY or UNITS	PUMP CHARGE	of SERVICES or PI	368 368 368	UNIT PRICE	
CODE 54015 5406	QUANITY or UNITS	PUMP CHARGE		36 g 368 368 358	UNIT PRICE	
CODE 54015 5406	QUANITY or UNITS	PUMP CHARGE		368 368 368	UNIT PRICE	
CODE 54015 5406	QUANITY or UNITS	PUMP CHARGE		36 g 368 368 358	UNIT PRICE	
CODE 54015 5406 5402 5407 5502C	QUANITY or UNITS	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	36 g 368 368 358	UNIT PRICE	
CODE 54015 5406	1 73 1/2 1/2 1/2 35	PUMP CHARGE	tage.	36 g 368 368 358		
CODE 54015 5406 5402 5407 5502C	QUANITY or UNITS $\frac{1}{7.3}$ $\frac{1}{2}$ $\frac{1}{7.3}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{35}{59}$	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	36 g 368 368 358		
CODE 54015 5406 5402 5407 5502C	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	36 g 368 368 358		
CODE <u>54015</u> <u>5402</u> <u>5407</u> <u>5502</u>	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	36 g 368 368 358		
CODE 54015 5406 5402 5407 5502C	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	36 g 368 368 358		
CODE 54015 5406 5402 5407 5502C	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	36 g 368 368 358		
CODE 54015 5406 5402 5407 5502C	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	36 g 368 368 358		
CODE 54015 5406 5402 5407 5502C	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	368 368 368 358 369		
CODE 54015 5406 5402 5407 5502C	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	36 g 368 368 358		
CODE 54015 5406 5402 5407 5502C	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	368 368 368 358 369		
CODE 54015 5406 5402 5407 5502C	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	368 368 368 358 369		
CODE 5405 5402 5402 5407 5502C 1124 1128 1188		PUMP CHARGE MILEAGE Casing foo fon miles BD VGC 50150 C.e.m. SE1	tage.	368 368 368 358 369	SALES TAX	
CODE <u>5405</u> <u>5402</u> <u>5402</u> <u>5502</u> <u>1124</u> <u>1188</u>	1 73 1/2 1/2 1/2 35	PUMP CHARGE MILEAGE Casing foo ton miles BD VGC	tage.	368 368 368 358 369		

Tacknowledge 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