

Kansas Corporation Commission Oil & Gas Conservation Division

1109860

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
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	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 #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or 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



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually (nmingled mit ACO-4)			

Well: Pearson 27

Douglas County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Pearson 27 (913) 837-8400 1/10/2013

(913) 837-8400

Lease Owner: R.T. Enterprises

WELL LOG 15-045-21847-00-00

Thickness of Strata	Formation	Total Depth		
0-4	Soil-Clay	4		
64	Sand	68		
131	Shale	199		
5	Lime	204		
6	Sandy Shale	210		
14	Lime	224		
7	Shale	231		
9	Lime	240		
4	Shale	244		
19	Shale	263		
26	Sandy Shale	289		
9	Sand	298		
18	Lime	316		
5	Sandy Shale	321		
14	Sand	335		
56	Shale	391		
22	Lime	413		
13	Shale	426		
5	Shale	431		
6	Lime	437		
23	Shale	460		
17	Lime	477		
4	Shale	481		
1	Lime	482		
14	Shale	496		
22	Lime	518		
8	Shale	526		
24	Lime	550		
3	Shale	553		
4	Lime	557		
4	Shale	561		
5	Lime	566		
119	Shale	685		
8	Sand	693		
10	Sandy Shale	703		
35	Shale	738		
7	Lime	745		
5	Shale	750		
2	Lime	752		
13	Shale	765		

Douglas County, KS Town Oilfield Service, Inc.
Well: Pearson 27 (913) 837-8400 Commenced Spudding: 1/10/2013

Lease Owner: R.T. Enterprises

2	Lime	767
	Shale	787
20	Lime	790
3	Shale	808
18		810
2	Lime	837
27	Shale	838
1	Lime	841
3	Shale	
2	Sandy Shale	843
1	Sand	844
6	Sand	850
6	Sand	856
2	Sand	858
16	Sand	874
26	Sand	900
80	Shale	980-TD
	77	
	**	
	-	
	-	
	-	
	10	
47		

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	1 /	
Farm Pea	(50 V)	
(State)	7	Octobal (County)
(Section)	(Township)	(Range)
For P. T.	Enterpris (Well Owner)	ેલ ું

Town Oilfield Services, Inc.

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

Peel Soll Farm: Douglas County KS State; Well No. 27	CAS	SING A	ND TUBING	MEASU	JREMENTS	ı
State; Well No.	Feet	In.	Feet	In.	Feet	ln.
/// / -3	922		2 177	23		
Commenced Spuding Jan 10 20 13 Finished Drilling Jan 1 20 13 Driller's Name Wester Dollard	1000	3	7.(74.7			
Siched Prilling Jan / 20/3	952		7		77	1
Wastey Dollard	130		+ lon-		$-\alpha$	15
Driller's Name	-			-		
Driller's Name			-			
Tool Dresser's Name	111					
Tool Dresser's Name Lolt Stent						
/- Nome						
Contractor's Name						
11 15 20						
(Section) (Township) (Range)						
Distance from line, ft.						
Distance from						
10 h19						
CASING AND TUBING						
RECORD						
,	-					-
10" 5	-					
10" Set 10" Pulled	¥					
8" Set 8" Pulled						-
76%" Set 45 6%" Pulled						
4" Set 4" Pulled						
2" Set 2" Pulled			-1-			

Thickness of Strata	Formation	Total Depth	Remarks
0-4	Soil clay	4	·
64	Sand	68	
131	3hale	199	
5	Linap	204	
6	Sangly Shele	210	
14	Lime	224	
7	Shale Slate	231	
a	Lima	240	
4	Shale	244	
19	shalr # shells	263	
26	Soundy Shelt	289	
9	sound & sandy shele	E CONTRACTOR OF THE PARTY OF TH	298 no 011
18	Lime & shells	316	
	sandy shalt	321	
14	sand t sand shalt	335	no Oil
56	Shalt	391	
22	Lime	413	
/3	shale	426	
5	shalt & limit	431	
<u> </u>	Linae	437	
23	Shelt	460	
	Limit	477	
_ 4	Shale	481	
-14	Limm &	482	
77	3hale		6
3	Lime	518 520	slight show
	-2-	200	2

-2-

-3-

		المراكب فو			
Thickness of Strata	Formation	Total Depth		Remarks	
24	Limit	550			
3	Shale - slate	553			
4	Lime	557	1		
4	Shale	561			
5	Lime	5lele	Heitha		
119	Shelt	685			
3	Sand	643	no Oil		
10	Smally Shalt	703			
35	shalt	73%			
7	Lime	745			
5 2 /3	Sha le	750			
2	Lim.e	752			
13	shale & lime	765			
2	Lime	767			
20	shale & lime	787			
3	Lime	7%			
18	sha t	808			
a	Lime	810			
	Shall treated	837			
	Lime	838			
3	Shalt	841			20
2	sandy shalf	643			
	Sand & lime	844	no Oil		
lo	Same	850	100 0:1		
62	sand	856	Broken	25% 011	
	Sand	858	solid		
1.60	Sand	874	broken	75% 011	
	-4-			-5-	

		3/1		
Thickness of Strata,	Formation	Total Depth	Remark	ks
Strata,	Sand	900	solic - good	saturation
30	shorte	980	TD	
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	Net			
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			<u></u>	
				156
	-6-			7-



TICKET NUMBER

FOREMAN /

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

FIELD TICKET & TREATMENT REPORT CEMENT

	CUSTOMER#	• WEI	L NAME & NUMBE	R SEC	TION	TOWNSHIP	RANGE	COUNTY
1-11-23		Peanse	27	SE	-11	15	20	106
CUSTOMER	006			Mak . V	* 7 1.	1. 1 y 1 - 1 y 1 y 1 y 1 y 1 y 1 y 1 y 1 y		- 60
MAILING ADDRES	SS				CK#	DRIVER	TRUCK#	DRIVER
120	Shore	line i) ^	516		HaNlas	Safer	× 1100
CITY	0701 E	STATE	ZIP CODE	135		12012VICI	257	
Louisby	100	KS	66053	248		Milh	112/	
JOB TYPE IN M		HOLE SIZE		HOLE DEPTH 28	72	CASING SIZE & V	VEIGHT 2.76	4
CASING DEPTH_	0000	DRILL PIPE_		TUBING		CASING SIZE & V	OTHER 92	2 6-501
SLURRY WEIGHT	NATO (5-24-1934)	SLURRY VOL		VATER gal/sk		CEMENT LEFT in	001	2 (4) + 1
DISPLACEMENT_				MIX PSI 200		,	n	
REMARKS: 1/4			tablished		MIV	1 1 1	need	100 #
cel fol	lowed t	64 13	7 16K 50	150 cem		Plus 29	2- 00/	100
733 .	gred	Pemp	nt. Flo	. 1 1 0	um	o Pin	1000	alua
to bo	Ffle 1	WOIT	1 1 1	300 PST	(5	pt Flor	1	1000
LICIUP								USE2
641	*		***************************************	5				
-72								
TOS, W	Ves					± 355±411.	10,-	
						1011	tales	
	- 10 - Hillion	3.50			/	Ton o		
ACCOUNT	QUANITY	or UNITS	DESC	CRIPTION of SERVICE	S or PRO	DDUCT	UNIT PRICE	TOTAL
5401	1		PUMP CHARGE			368		10300
5406	<i>'a</i>	0	MILEAGE			368	100	80.0
5409	å	52	Casia	. 1 1		2 -		
11111	-/\		Lunia	S TOOTAGE	-	1368		
5407	1/2	Min	1-1-0	miles		368		17500
5402	1/2	min	ton	miles	•	548		175,00
5407 5502	1/2	min 1/2	1-1-0	miles				175,00
540 2 55021	1/2	min	ton 80 va	miles		548		135,02
5407 55021	1/2	7,	ton	miles	- - -	548		135,02
1118B	1330	7,	50/50 50/50	miles cemen	+_	548		133,02 1500.15 69,30
1118B	1/2 1 1 330	7,	ton 80 va	miles	+	548		135,02
5407 55026 1124 1118B 4402	15	7,	50/50 50/50	miles cemen	+	548		133,02 1500.15 69.30
1118B	15	7,	50/50 50/50	miles cemen	+	548		133,02 1500.15 69.30
1118B	15	7,	50/50 50/50	miles cemen	+	548		133,02 1500.15 69.30
1118B	15	7,	50/50 50/50	miles cemen	+	548		133,02 1500.15 69.30
1118B	15	7,	50/50 50/50	miles cemen	+	548		133,02 1500.15 69.30
1118B	15	7,	50/50 50/50	miles cemen	+	548		133,02 1500.15 69.30
1118B	15	7,	50/50 50/50	miles cemen	+	548		133,02 1500.15 69.30
1118B	15	7,	50/50 50/50	miles cemen	+	548		133,02 1500.15 69.30 28.00
1118B	15	7 #	50/50 50/50	miles cemen	+	548	SALES TAX ESTIMATED	133,02 1500.15 69.30

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.



LOCATION Hawa KS
FOREMAN Case Levael

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

FIELD TICKET & TREATMENT REPORT

020-431-3£10	01 000-401-001	9		CEMEN	1 (2 d)	22	98	
DATE	CUSTOMER#	WEL	I. NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
1/10/13		Pearson	# 27		生儿	15	20	D6
CUSTOMER			2		Later House 2 W	T. A. S. L. E. S. C. C.	esplis	3
Ojen				a	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING XDDR					481	Casken	V Schal	Meeting
120	Shorelin	e Dr			Coceco	Gaches	V	Cerrig
CITY		STATE	ZIP CODE	1	248	MikHaa	1,	
Louisb	Urg	I KS	66053		675	Kei Det	1	
JOB TYPE_S		HOLE SIZE	9/2"	_ HOLE DEPTI		CASING SIZE &	WEIGHT_ 7	20#
CASING DEPTH	1 85'	DRILL PIPE		_TUBING	2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	to	OTHER	
SLURRY WEIGI		SLURRY VOL_		WATER gal/s	sk	CEMENT LEFT I	CASING //	
DISPLACEMEN	T 36615	DISPLACEMEN	"T PSI	MIX PSI		RATE 4.5	bom	
REMARKS: 1	old refiet	meeting	establish	ed circu	lation, in	ixed to	used 4	4 ske
5950 00	zuix ce	uest "	1 270 0	el per	sk cen	reut to se	wface d	isologod
cement	w/ 3 b.	Ws Gresh	water.	shot in	casing.		and to	14 Miles
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				340)11		· /		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
				4400				

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015)	PUMP CHARGE		825.00
540 Le	on lease	MILEAGE		
5402	82,	casing faotage		•
5407	1/2 minimum	ton mileage		175,00
5500C	1 hr	80 Vac J		90.00
1124	44 stcs	The Poznix convert		481.80
1118B	74 tb	Premium Gel	MAC.	15.54
	WHATELE STATE OF THE STATE OF			
				40
	3,			
	70 70 70			
		16.		
		7.3%	SALES TAX	35.30
ivin 3737	1.60		ESTIMATED TOTAL	1623.64

AUTHORIZTION 16 Co. Rep. on location TITLE DATE

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



LOCATION Of Tawa FOREMAN Alga Made

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#		L NAME & NUM	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-11-23		Peanso	2	7 .	SE -11	15	20	156
CUSTOMER				1	Make the State of	· · · · · · · · · · · · · · · · · · ·	Control of the second	
MAILING ADDRES	70C ·			-	TRUCK#	DRIVER	TRUCK#	DRIVER
17.5	50550 6200 I	10 - 1) .		516	HaNlad	Safe	V Moc
CITY	Shore	line L ISTATE	ZIP CODE		1368	GriMal	ANY	
		ACADAMATAN	315		673	Keilet	KD,	
Louisby		LKS	66053		548	Mik Hag	MH	
JOB TYPE ON	0000	HOLE SIZE	5578	_ HOLE DEPT	rh <u>280</u>	_ CASING SIZE & V	VEIGHT 2. 7	3
CASING DEPTH_	2-10	DRILL PIPE		TUBING			OTHER 92	2 69ff
SLURRY WEIGHT		SLURRY VOL_		WATER gal/	. ———	CEMENT LEFT in	CASING /	35
DISPLACEMENT_		DISPLACEMEN				RATE 46	on	
REMARKS: 1/4	gl meet	ins tis	tablish	ed 14	to Mis	red & Pu	nfed	100 #
cel tol	lowed	6 13	7 ck 5	0150	cement		20 901	
Circul	atel	ceme	nt F	lushe	& Pyn	ie. Pian	red	Pluo
to bai	ffle.	Well	held	800	PS to	Sex Floo	at C'	1050-1
ILGIUP	,				W	7	(d)	معدده
0				, v==				325
					****	70		
TOS, W	485				10	***************************************	11.	0
						10/1	dader	
					***	1 com	***	10-40-
ACCOUNT	QUANITY	or UNITS	D	ESCRIPTION of	of SERVICES or P	RODUCT	UNIT PRICE	TOTAL
CODE		MILITARE SE					OWN PRICE	
5701	/2		PUMP CHAR	GE		368		1030.0
5406		10	MILEAGE			368		80.0
3702	7\	32	L Casi	25 700	27-600	BLX		I C
	1/2			~				
5407	1/2	min	ton	mile	35	548		175,00
55026		min 1/2	ton 800	mile	S.	548 875		175,00
55021	'/2 1	min 1/2		mile	35	X		
55021	1/2	min 1/2		mile	35	X		
55021	1/2	min 1/2			ment	X		
55021 1124 1118B	1/2	37,	801		ment	X	316	135,00
1118B	1/2 1 1 331	37,	5015 5015	д се	ment	X	34,	135,02 1500.15
55021 55021 1124 1118B 4402	1/2 1 1 33(37,	801	д се	ment	X	7.5	135,00
1118B		37,	5015 5015	д се	ment	X	705	135,02 1500.15
1118B		37,	5015 5015	д се	ment	X	70,	135,02 1500.15
1118B		37,	5015 5015	д се	ment	X		135,02 1500.15
1118B		37,	5015 5015	д се	ment	X		135,02 1500.15
1118B		37,	5015 5015	д се	ment	X		135,02 1500.15
1118B		37,	5015 5015	д се	ment	X		135,02 1500.15
1118B		37,	5015 5015	д се	ment	X		135,02 1500.15
1118B		37,	5015 5015	д се	ment	875		135,02 1500.15
1118B 4402	1	37	50/5 Sel 21/2	д се	ment	875	SALES TAX	135,02 1500.15 69,30 28,00
1118B	1	37	50/5 Sel 21/2	д се	ment	875	SALES TAX ESTIMATED TOTAL	135,02 1500.15

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.