

#### Kansas Corporation Commission Oil & Gas Conservation Division

1109865

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:	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:  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 Twp S. R
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: 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 III Approved by: Date:

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart( well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-o		ermediate, producti	<u> </u>		
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 / SQL	 JEEZE RECORD			
Purpose:  —— Perforate  —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Daider Bloss	- O-4/T	Asid Fro	cture, Shot, Cemen	t Causana Dagar	
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Submit )	4CO-5) (Sub	mit ACO-4)		_

Well: Pearson 32

Douglas County, KS Town Oilfield Service, Inc. Commenced Spudding:

(913) 837-8400

Lease Owner: R.T. Enterprises

1/11/2013

#### WELL LOG

Thickness of Strata	Formation	Total Depth
0-20	Soil-Clay	20
50	Sand	70
139	Shale	209
5	Lime	214
7	Sandy Shale	221
13	Lime	234
7	Shale	241
8	Lime	249
5	Shale	254
18	Lime	272
16	Shale	288
19	Sand	307
18	Lime	325
6	Sandy Shale	331
12	Sand	343
56	Shale	399
22	Lime	421
13	Shale	434
5	Shale	439
7	Lime	446
22	Shale	468
17	Lime	485
5	Shale	490
1	Lime	491
13	Shale	504
21	Lime	525-TD

### **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 - RPMXD over RxD

R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) +  $(\frac{D-d}{4C})^2$ 

\* Need these to figure belt length

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1 HP

# Log Book

Well No	52	
Farm_Pe	rsou	
(State)	<i>D</i>	(County)
11	15	20
(Section)	(Township)	(Range)
For K. T.	Enterpi.	505

# Town Oilfield Services, Inc.

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

Feet   In.   Fee	Penson Farm: Dougles 5 County	CA	ASING AN	D TUBING	MEAS	UREMENTS	
Finished Drilling  Finished Drilling  Driller's Name  Driller's Name  Driller's Name  Tool Dresser's Name  Contractor's Name  Contractor's Name  I section (Township) (Range)  Distance from sine, 2440 ft.  Distance from sine, 320 ft.  / 8 h s  CASING AND TUBING  RECORD  10" Set 10" Pulled  8" Set 12 8" Pulled  6%" Set 6%" Pulled  4" Set 4" Pulled	State, Wen No.	Feet	In.	Feet	In.	Feet	ln.
Driller's Name  Driller's Name  Driller's Name  Tool Dresser's Name  Tool Dresser's Name  Contractor's Name  I S 30  (Section) (Township) (Range)  Distance from S line, 3740 ft.  Distance from E line, 530 ft.  I S 70  CASING AND TUBING  RECORD  10" Set 10" Pulled 8" Set 12 8" Pulled 6%" Set 6%" Pulled 4" Set 4" Pulled 4" Set 5"		501.	85	ope	7	endec	
Driller's Name  Driller's Name  Tool Dresser's Name  Tool Dresser's Name  Contractor's Name  // / / 5	Finished Drilling20					i . i	
Driller's Name  Driller's Name  Tool Dresser's Name  Tool Dresser's Name  Tool Dresser's Name  Contractor's Name  // / 5	Driller's Name					4	_
Tool Dresser's Name  Tool Dresser's Name  Tool Dresser's Name  Contractor's Name  // / 5 20  (Section) (Township) (Range)  Distance from S line, 2440 ft.  Distance from E line, 820 ft.  // 8 15  CASING AND TUBING  RECORD  10" Set 10" Pulled  8" Set 42 8" Pulled  6%" Set 6%" Pulled  4" Set 4" Pulled	Driller's Name					1-	7
Tool Dresser's Name  Tool Dresser's Name  Contractor's Name  // /5 20  (Section) (Township) (Range)  Distance from 5 line, 2740 ft.  Distance from 6 line, 520 ft.  // 8 h / 5   CASING AND TUBING  RE:CORD  10" Set 10" Pulled  8" Set 42 8" Pulled  6%" Set 6%" Pulled  4" Set 4" Pulled	Driller's Name					C	
Tool Dresser's Name	Tool Dresser's Name RYGH Ward						
Contractor's Name	Tool Dresser's Name	2					
(Section) (Township) (Range)  Distance from S line, 2440 ft.  Distance from Line, 520 ft.  CASING AND TUBING  RECORD  10" Set 10" Pulled  8" Set 42 8" Pulled  6%" Set 6%" Pulled  4" Set 4" Pulled	Tool Dresser's Name						
(Section) (Township) (Range)  Distance from S line, 2440 ft.  Distance from Line, 520 ft.  / 8 h / 5   CASING AND TUBING  RECORD  10" Set 10" Pulled 8" Pulled 6%" Set 6%" Pulled 4" Set 4" Pulled	Contractor's Name						
Distance from   S   line,   2 440   ft.   Distance from   E   line,   S   S   ft.    CASING AND TUBING   RECORD      10" Set   10" Pulled      8" Set   4" Pulled   4" Set   4" P							
CASING AND TUBING RECORD  10" Set							
CASING AND TUBING RECORD  10" Set	Distance from line, \$\frac{740}{\text{ft.}}	5	-1				
CASING AND TUBING  RE:CORD  10" Set 10" Pulled	Distance fromft,		-				
RECORD  10" Set 10" Pulled	18 h15						
RECORD  10" Set 10" Pulled		-	+	-			
RECORD  10" Set 10" Pulled			+		-		
RECORD  10" Set 10" Pulled							
10" Set	CASING AND TUBING						
8" Set	RECORD	-					
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8" Set	10" Set 10" Pulled	A					
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4" Set 4" Pulled					$\Box$		
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Z Pulled					1		
	2 Set 2" Pulled			-1-			

Thickness of Strata	Formation	Total Depth	Remarks
0.30	30.1-cla,	30	
50	Sand	70	
139	Shale	209	
5	Lime	214	
7	Sandy Shall	231	V
13	Lime	234	
7	shale - slate	241	
3	Lime	249	
5	Shale	354	<del></del>
18	shale & shells	272	
16	Shale & redbed	288	Description of the Control of the Co
19	send & Sandy Stale	307	no Oil
18	Limet shells	375	
6	sandy shalt	331	
12	sand & sindy what	343	no Dil
56	Shale	399	
32	Lime	421	
13	Shale	434	•
5 7	shale flime	439	
	Lime	446	
33	Shal-c	463	
17	Lime	485	
5	shale	490	
<i>j</i>	Lime	491	
13	Shale	504	
31	Lime	325	TD -0:1
	2	-	
	-2-		-3-

-3-



LOCATION Offaus FOREMAN Alan Mode

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

# FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CHETOMED#		CEMIEI	VI 3 4		200	*00#1 0#40
	CUSTOMER#	WELL NAME &	NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-11-13 CUSTOMER		Teanson,	32	SE 11	15	20	DZ
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MAILING ADDRI				TRUCK#	DRIVER	TRUCK#	DRIVER
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CITY	Service City	STATE ZIP COD	Ē	368	Arl Mal	AKM	7
Louisb	una	15 660	The second secon	6/3	Be Det	150	
JOB TYPE &		HOLE SIZE 12		1.598	Mil Vag	MH	.1
CASING DEPTH	00	DRILL PIPE	HOLE DEPT	H_102_	CASING SIZE &	WEIGHT 8	378
SLURRY WEIGH		SLURRY VOL_	TUBING			OTHER	
DISPLACEMENT	4		WATER gal/s		CEMENT LEFT		₹
REMARKS: Ho		i -	7		RATE_ 46	pm	
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ACCOUNT							
CODE	QUANITY or	UNITS	DESCRIPTION of	SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
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						15	
	****						
3737							W1 27
3737	No compo	ony rep				SALES TAX ESTIMATED TOTAL	41.26

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.

255806



CUSTOMER#

LOCATION OHAWA, KS FOREMAN Casey Kennedy

RANGE

COUNTY

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

DATE

## FIELD TICKET & TREATMENT REPORT CEMENT

SECTION

TOWNSHIP

WELL NAME & NUMBER

	U	11				1 de la companya del companya de la companya del companya de la co		
1/14/13	202	Pearson	# 30		S€ (1	15	20	06
CUSTOMER	6	4				Construction of the second		10 Martins 1
MAILING ABORE	ss		-7		TRUCK#	DRIVER	TRUCK#	DRIVER
	oreline D			-	481.	Casken	V Safed	Meeting
CITY		STATE	ZIP CODE	-	Locelo	Garmo	V /	ļ
Covisbur	_	KS	66053	-	548	MikHaa	V	
			- FI	L	675	JasRic	7/11	<u> </u>
JOB TYPE ON	35 175			HOLE DEPTH	504	CASING SIZE & V		
CASING DEPTH_							OTHER	7
SLURRY WEIGHT						CEMENT LEFT In	CASING/_S	<u> </u>
DISPLACEMENT	1.6 Das		TPSI			RATE 4.56	pm	
REMARKS: No.	a satisfy me	eting jes	stablished a	c irculat	ion, Mix	ed tounge	ed 100 #	Aremilen.
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ACCOUNT			T			×		
CODE	QUANITY	or UNITS	DES	SCRIPTION of S	SERVICES or PR	RODUCT	UNIT PRICE	TOTAL
5401	T .		PUMP CHARGE					1030.00
5406	on lease		MILEAGE				<del>                                     </del>	-
5402	502'		casing to	taco				
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					37			
						7,3%	DAL ED TAX	0/ 47
					/	47010	SALESTAX	710.10
Ravin 3737			11		A:	41016	SALES TAX ESTIMATED	7(e.(a
Ravin 3737	No Co Re	o a lvo	L	TITLE	A.	41010		2712.20

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form