Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

September 1999

API No. 15 - 003-24535-00-00
API No. 15 - Good 24000 00 00 County: Anderson
SW NW SW NW 22 - 20 - 20 FI
sw _ NW _ SW _ NW _ Sec. 22 _ Twp. 20 _ S. R. 20
teet from SV N (circle one) Line of Section
5115 feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW Kempnich 15-T
Lease Name: Kempnich Well #: 15-T Field Name: Rartlesville
Field Name: Participating
Producing Formation:
Elevation: Ground: Kelly Bushing:
Total Depth: 770' Plug Back Total Depth: n/a
Amount of Surface Pipe Set and Cemented at 25.2 Fee
Multiple Stage Cementing Collar Used?
If yes, show depth setFee
If Alternate II completion, cement circulated from 0
feet depth to 25.2' w/ 7 sx cmt
Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 8-27-08
Chloride content ppm Fluid volume bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Location of fluid disposal if fladied offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec TwpS. R

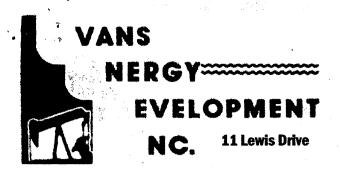
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and	d gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	
Signature: Macen & Muster	, / KCC Office Use ONLY &
Title: Agent Date: 9-15-07	Letter of Confidentiality Regulator
Subscribed and sworn to before me this 15 day of luguation,	If Denied, Yes Date:
20 A	Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Tail	lwater, Inc.			Leas	ا ۔:se Name	Kempnich		Well #: 15·	-Т	1
Sec. 22 Twp. 2	0 _{S. R.} 20	. 🔽 East	West	Coun	nty: Ande	erson				
NSTRUCTIONS: S ested, time tool ope emperature, fluid red Electric Wireline Log	n and closed, flowin	g and shutes s if gas to	-in pressures, surface test, a	whether a	shut-in pre	essure reached	d static level, hydr	ostatic pressu	res, botto	m hole
Drill Stem Tests Take		Ye	es 🗹 No			og Forma	tion (Top), Depth	and Datum		Sample
Samples Sent to Geological Survey			es 🗹 No	Name				Тор		Datum
Cores Taken		☐ Ye			tached					
List All E. Logs Run:										
Gamma Ray/I	Neutron									
		Repor		RECORD		ew Used	action, etc.			
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	9 7/8"	7"				25.2'	Portland	7		
Completion	5 5/8"	2 7/8"				760'	Portland	113	50/50	POZ
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	ADDITIONAL of Cement	Τ'	FING / SQI	JEEZE RECOF		Percent Additive	s	
Shots Per Foot			D - Bridge Pluç Each Interval Per		98		racture, Shot, Cemer		ord	Depth
2	670' - 676'(13	<u>-</u>				Acid spot 15% HCL 100 gal.				
2	707' - 716' (19	perfs)				70 sx sand - 225 bbls H2O				
TUBING RECORD 2	Size 7/8"	Set At 760 '		Packer	At	Liner Run	Yes V	0		
Date of First, Resumer 6/20/08	rd Production, SWD or	Enhr.	Producing Met	thod	Flowin	g 🗹 Pum	ping Gas L	ift Ott	ner <i>(Explair</i>	n)
Estimated Production Per 24 Hours	0il 10	Bbls.	Gas O	Mcf	Wat NON 6			Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETIC				Production Int				-
Vented Sold	Used on Lease		Open Hole	✓ Pe	erf. 🔲 C	Dually Comp.	Commingled			



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

> Phone: 913-557-9083 Fax: 913-557-9084

> > CONSERVATION DIVISION

Paola, KS 66071

WELL LOG

Tailwater, Inc. Kempnich #15-T API #15-003-24,535 May 20 - May 21, 2008

Thickness of Strata	Formation	<u>Total</u>
23	soil & clay	23
103	shale	126
27	lime	153
68	shale	221
11	lime	232
5	shale	237
33	lime	270
7	shale	277
21	lime	298
3	shale	301
22	lime	323 base of the Kansas City
174	shale	497
3	lime	500
5	shale	505
9	lime	514 slight oil show
8	shale	522
6	lime	528
6	shale	534
17	sand	551 light brown, oil bleeding
13	shale	564
7	lime	.571 ×
5	shale	576
2	lime	578
7	shale	585 ₹
4	lime	589
15	shale	604
1	lime	585 589 604 605 612 623 few shale seams 641 645 648 black 660 grey
7	shale	605 612 623 few shale seams 641
11	lime	623 few shale seams 비중 중
18	shale	641 <u>ພ</u> ໍຊີ <u></u> <u></u>
4	lime	645
3	shale	648 black
12	shale	660 grey
1	lime	661
8	shale ·	669
1	broken sand	670 50% bleeding sand
1	sandy shale	671
2	sand	673 20% shale, 80% bleeding sand
22	shale	695
1	lime & shells	696
· ·	= = = = = = = =	

Page 2

10	shale	706	
0.5	lime & shells	706.5	
5.5	sand	712	brown bleeding, well
2	broken sand	714	30% bleeding sand, 70% silty shale
56	shale	770	TD

Drilled a 9 7/8" hole to 25' Drilled a 5 5/8" hole to 770'.

Set 25.2' of new 7" threaded and coupled surface casing, cemented with 7 sacks cement

Set 760' of used 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp

RECEIVED KANSAS CORPORATION COMMISSION

CONSERVATION CRESCON

CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

TICKET NUM	MBER	16098	
LOCATION_	0++	awg	
FOREMAN_	Ala	n Made	?

TREATMENT REPORT & FIELD TICKET

CEMENT DATE CUSTOMER# WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY TRUCK # DRIVER TRUCK# DRIVER HOLE DEPTH DRILL PIPE TUBING OTHER **SLURRY WEIGHT** WATER gal/sk SLURRY VOL CEMENT LEFT in CASING ! DISPLACEMENT DISPLACEMENT PS!

			A-	lan N	(offer
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or F	PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	368		8 25.00
3706	25	MILEAGE	368		86.25
3702	759'	casing footage	368		
57017	1/6 0	ten mileage	523		150.82
1502C	12R hr	80 vac	370	141	188,00
	· · · · · · · · · · · · · · · · · · ·				
1107A	31#	01	NOISSI		
	125#	Pheno seal			33.79
11101	2/25 \$	[[] [] [] [] [] [] [] [] [] [2008 2008	ñ ≥ v	230.00
111212	412#	Sal,t	<u> </u>	5 <u>5</u>	82.15
1124	1135x	50 150 100	PORA PORA		65.92
4402	1100x	50 150 POZ	CORP CORP CORP CORP CORP	1	1050.90
		12 ping	<u> </u>	•	AL-UD
			Se Su	7	2756.8
					2/06,00
			6.3%	SALES TAX	102.26
			_	ESTIMATED	

AUTHORIZATION

TITLE 22224