

Operator Name: Tailwater, Inc. Lease Name: West Wittman Well #: 4-IW
 Sec. 15 Twp 20 S. R. 20 East West County: Anderson

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

Squirrel
 Driller's Log attached

List All E. Logs Run:
Gamma Ray/Neutron

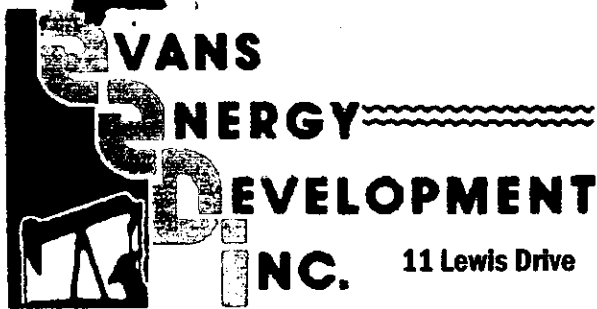
CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	9 7/8"	7"		25'	Portland	6	
completion	5 5/8"	2 7/8"		728'	Portland	96	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD: Specify Footage of Each Interval	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	668' - 678' (21 perfs) APR - 4 2011	n/a	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>25'</u> Packer At: <u>n/a</u>		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR: <u>n/a</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>0</u>	Water Bbls. <u>n/a</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Tailwater, Inc.

West Wittman #4-IW

API# 15-003-24,868

August 19 - August 20, 2010

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
12	soil & clay	12
76	shale	88
31	lime	119
14	shale	133
3	lime	136
23	shale	159
3	lime	162
22	shale	184
10	lime	194
6	shale	200
31	lime	231
9	shale	240
23	lime	263
6	shale	269
14	lime	283 base of the Kansas City
167	shale	450
9	lime	459
3	shale	462
10	shale	472 good oil show
31	shale	503
13	oil sand	516 light green, good bleeding
12	shale	528
7	lime	535
15	shale	550
2	lime	552
22	shale	574
9	lime	583
20	shale	603
3	lime	606
13	shale	619
4	lime	623
32	shale	655
12	lime	667 few shale seams
10	oil sand	677 light brown, good bleeding
2	black sand	679 no oil
3	shale	682
3	lime	685
53	shale	738 TD

RECEIVED
KANSAS CORPORATION
APR - 2010
CONSERVATION DIVISION
WICHITA, KS

West Wittman #4-IW

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Drilled a 9 7/8" hole to 25'

Drilled a 5 5/8" hole to 738'

Set 25' of 7" surface casing with 6 sacks of cement.

Set 728' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe and 1 clamp.

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CONSERVATION DIVISION
WICHITA, KS



MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 66064
 913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No. API # 15-003-24,868	Company Martin Oil Properties	
	Well West Wittman No. 4-IW	
	Field Garnett Shoestring	
	County Anderson	State Kansas
Location 990' FSL & 660' FWL N/2-SW-SW		Other Services
Sec. 15 Twp. 20s Rge. 20e		Elevation
Permanent Datum GL Elevation NA		K.B. NA
Log Measured From GL		D.F. NA
Drilling Measured From GL		G.L. NA

Date	8-25-2010		
Run Number	One		
Depth Driller	738.0		
Depth Logger	726.3		
Bottom Logged Interval	725.3		
Top Log Interval	20.0		
Fluid Level	Full		
Type Fluid	Water		
Density / Viscosity	NA		
Salinity - PPM Cl	NA		
Max Recorded Temp	NA		
Estimated Cement Top	0.0		
Equipment No.	Location	107	Osawatomie
Recorded By	Steve Windisch		
Witnessed By	Chris Martin		

RUN		BORE-HOLE RECORD			CASING RECORD		
No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	25.0	7.00"		0.0	25.0
Two	5.625"	25.0	738.0	2.875"		0.0	728.0

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