

Sean Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Elk Energy Holdings, LLC	ELEVATIONS	
LEASE	Shepherd #1-14	KB	3138'
FIELD	Wildcat	DF	
LOCATION	2060' FSL & 650' FEL	GL	3133'
SEC	14 TWSP 10 S RGE 33 W	Measurements Are All From Kelly Bushing	
COUNTY	Thomas STATE Kansas		
CONTRACTOR	W.W. Drilling, Rig #2		
SPUD	3/29/18 COMP 4/4/18	CASING	
RTD	4/7/20 LTD 4/7/23	CONDUCTOR	
MUD UP	TYPE MUD Chemical	SURFACE	8-5/8" at 344'
SAMPLES SAVED FROM	3600' TO RTD	PRODUCTION	None
DRILLING TIME KEPT FROM	3700' TO RTD	ELECTRICAL	
SAMPLES EXAMINED FROM	3700' TO RTD	SURVEYS	
GEOLOGICAL SUPERVISION FROM	3700'	ELI	
REFERENCE WELL	CND/DIL. MIC/SON		

REMARKS Based on sample analysis and log evaluation, the Shepherd #14 was plugged and abandoned.

Respectfully Submitted,

Sean P. Deenihan

