Mark D. Lowery

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Pioneer Exploration Inc.
ADDRESS	1401 17th St. Suite 1000 Denver, CO 80202
WELL NAME	Wiens #1-18
SEC. 18	T 20S R 24W
COUNTY	Ford
STATE	KS
ELEVATION	2243 GL 2255 KB
SPUD DATE	11-5-2012
COMP. DATE	11-29-2012
TOTAL DEPTH	4700
CONTRACTOR	Duke Drilling Co. Rig #7
PRINCIPAL PERSONNEL	Jim Ostrander, Ron Ostrander, Jim Ostrander Jr., Ryan Ostrander, Jeff Ostrander, Jeff Ostrander, Jeff