Company	Pioneer Energy Services
Well	D. McCollor No. 2-29
County	Ness
State	Kansas
Date	10-15-2012
Time	10:00
Depth	1612
Casing Size	8 5/8
Casing Depth	1612
Bit Size	7 7/8
Mud Type	Chemical
Mud Weight	9.2
Viscosity	50
Fluid Loss	8.0
Max Temp	100
Rig Number	1
Operator	Jason Rose
Recorded By	Jason Rose
Witnessed By	Kyle Rose

PIONEER

Sonic/Cement Bond Log

DISCLAIMER

All interpretations, advice, opinions or estimates in this report or other interpretations and any services or advice rendered to the extent that pertain to the oil, gas, or mining in a business sense are based on assumptions, estimates, data, or opinions of Pioneer Energy Services. The use of such interpretations, advice, opinions or estimates is at the risk of the client, agents or employees. These interpretations are subject to the interpretation, judgment and opinion of Pioneer Energy Services personnel.

CONTACTS

Thank you for using Pioneer Energy Services
(785) 625-3858

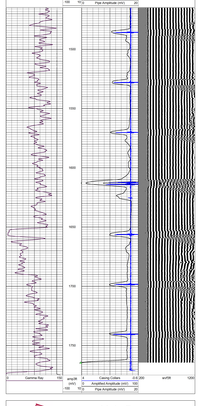
Ness City Ks., West to Land Elevator, 1/4 West to J rd.
10 South to 20 Rd., 4 West to 7 Rd.
1/2 South, West this

PIONEER

Sonic Cement Bond Log

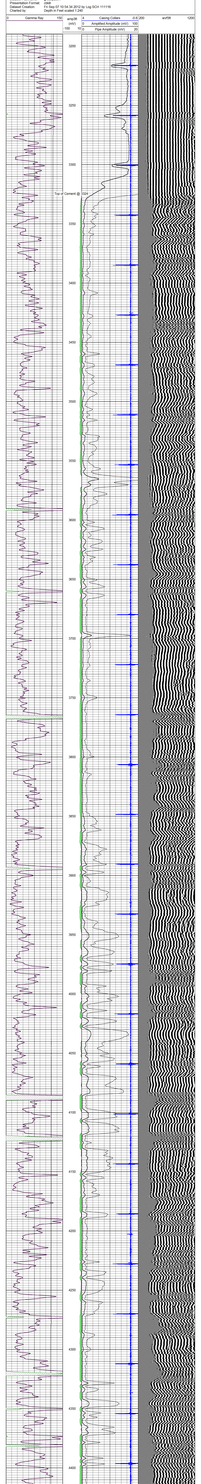
Port Collar @ 1612

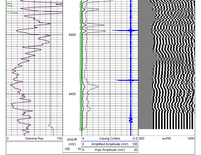
Database File: pioneer_record_2-29.db
Dataset Pathname: grp/dset/vert
Presentation Format: cbl
Dataset Creation: Fri Oct 17 07:28:10 2012 by Log 5C4 1111116
Charted by: Depth in Feet scaled 1:240



Main Pass

Database File: pioneer_record_2-29.db
Dataset Pathname: grp/dset/vert
Presentation Format: cbl
Dataset Creation: Fri Oct 17 10:34:38 2012 by Log 5C4 1111116
Charted by: Depth in Feet scaled 1:240



Repeat Section

Database File: pioneer_record_2-29.db
Dataset Pathname: grp/dset/vert
Presentation Format: cbl
Dataset Creation: Fri Oct 17 10:48:12 2012 by Log 5C4 1111116
Charted by: Depth in Feet scaled 1:240