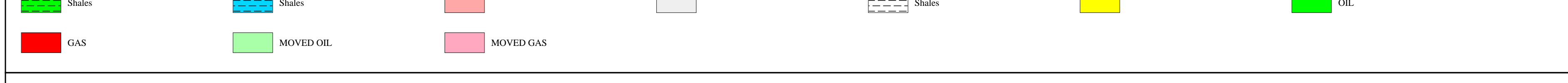


Culverin 1

COMPLEX LITHOLOGY MODEL

Company	Nucor Energy
Well Name	Columbia 1
Field	Exploration
County	Ashtabula
State	Victoria
County or Big name	Ocean Parade
Field Location	VIC / PS6
Latitude	083 24' 06.140" S DMS
Longitude	148 34' 16.207" E DMS
Permanent Datum	LAT
Elevation of TD	90 M
Elevation of RT	21.50 M
Water Depth	585.90 M
Elevation Log Zero	21.50 M
Above Perm. Datum	21.50 M
Log measured from	RT
Service company	Schlumberger
Number of runs	1
Runs	GPSRLAND
Date	7 JAN 2006
Spud Date	16 DEC 2005
TD Date	6 JAN 2006
Rig Release Date	15 JAN 2006
Log date	07 Jan 2006
Date compared	27-02-06
Date plotted	27-02-2006
Time plotted	17:00:47

Since well log interpretations are opinions based upon inferences from wells, we cannot and do not guarantee the correctness or accuracy of any interpretation. Therefore we shall not be liable or responsible for any loss, damage, cost or expense incurred or sustained by anyone resulting from any interpretation.



VCL_CPS	Volume of Clay Complex Lido Model
PHIE_CPS	Effective Porosity Complex Lido Model
PROD_CPS	Production (PHIE * SSW) Complex Lido Model
PDIM_CPS	Product (PHIE * SW) Complex Lido Model
VSIN_CPS	Volume of Shallow water Complex Lido Model
RELG	HALE Learning Geologic Reservoir (F13.14)
RELX	HALE Learning Shallow Reservoir (F13.14)
HRLX	HALE High Resolution Shallow Reservoir (F13.14)
DTVO	Delta V Computed (F13.14)
DTSM	Delta T Share (F13.14)
HCTT	HfRo Corrected For Thermal Count Rate (F13.14)
HCNT	HfRo Corrected Near Thermal Count Rate (F13.14)
GR	Gamma Ray (F13.14)
HCAL	HRC-Cal. Caliper (F13.14)
HERA	HEED Density Correction (F13.14)
SWL_1	
TOT GAS	
CT MAIN	
aCS MAIN	
HIFG	HEED Standard Resolution Formation Density (F13.14)
TNPH	Thermal Neutron Porosity (F13.14)

