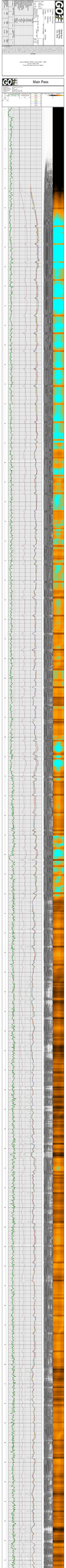
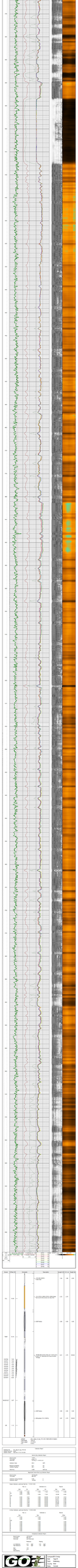


Log Analysis Module: Arch [CBIL - 2000]
Quantitative Log Analysis Report
Tuesday, April 28, 2015 08:46:38 AM

Main Pass



Well	16/7-A-4 AH2
Field	Ula Area
Block	16/7a
Rig	Maersk Giant
Date	19 Dec 2000

Mnemonic	Unit	Description
DEPT	m	Measured Depth
ROP	m/hr	Rate of Penetration
GR	API	Gamma Ray
RES	ohmm	Resistivity
DEN	g/cm3	Density
NEU	v/v	Neutron Porosity
CALI	in	Caliper
PEF	b/e	Photoelectric Factor
DRHO	g/cm3	Density Correction
NPHI	v/v	Neutron Porosity
RHOB	g/cm3	Bulk Density
DTC	us/ft	Compressional Slowness
DTS	us/ft	Shear Slowness
RT	ohmm	True Resistivity
RXO	ohmm	Flushed Zone Resistivity
RM	ohmm	Mud Resistivity
RMF	ohmm	Mud Filtrate Resistivity
RMC	ohmm	Mud Cake Resistivity
TEMP	degC	Temperature
MTEM	degC	Mud Temperature
SP	mV	Spontaneous Potential
TENS	lbf	Tension
MRES	ohmm	Magnetic Resistivity
MDEN	g/cm3	Magnetic Density
MNEU	v/v	Magnetic Neutron Porosity
ECD	g/cm3	Equivalent Circulating Density
ESD	g/cm3	Equivalent Static Density
PWD	g/cm3	Pressure While Drilling
ATR	ohmm	Attenuation Resistivity
PSR	ohmm	Phase Shift Resistivity
ROPA	m/hr	Rate of Penetration, Average
RPM	rpm	Revolutions per Minute
SPPA	kPa	Standpipe Pressure, Average
TQA	kNm	Torque, Average
WOB	kkgf	Weight on Bit
WOBA	kkgf	Weight on Bit, Average
DCAV	in	Differential Caliper, Average
DXCO	in	Differential Caliper, Maximum
DXCN	in	Differential Caliper, Minimum
DXCS	in	Differential Caliper, Standard Deviation
ABDC	ohmm	Array Induction Deep Resistivity
ABD	ohmm	Array Induction Deep Resistivity
ABI	ohmm	Array Induction Medium Resistivity
ABS	ohmm	Array Induction Shallow Resistivity
AHT10	ohmm	Array Induction 10 inch Resistivity
AHT20	ohmm	Array Induction 20 inch Resistivity
AHT30	ohmm	Array Induction 30 inch Resistivity
AHT60	ohmm	Array Induction 60 inch Resistivity
AHT90	ohmm	Array Induction 90 inch Resistivity
AF10	ohmm	Array Induction 10 inch Resistivity
AF20	ohmm	Array Induction 20 inch Resistivity
AF30	ohmm	Array Induction 30 inch Resistivity
AF60	ohmm	Array Induction 60 inch Resistivity
AF90	ohmm	Array Induction 90 inch Resistivity
AO10	ohmm	Array Induction 10 inch Resistivity
AO20	ohmm	Array Induction 20 inch Resistivity
AO30	ohmm	Array Induction 30 inch Resistivity
AO60	ohmm	Array Induction 60 inch Resistivity
AO90	ohmm	Array Induction 90 inch Resistivity
AIBD	ohmm	Array Induction Deep Resistivity
AIBI	ohmm	Array Induction Medium Resistivity
AIBS	ohmm	Array Induction Shallow Resistivity
AIT10	ohmm	Array Induction 10 inch Resistivity
AIT20	ohmm	Array Induction 20 inch Resistivity
AIT30	ohmm	Array Induction 30 inch Resistivity
AIT60	ohmm	Array Induction 60 inch Resistivity
AIT90	ohmm	Array Induction 90 inch Resistivity
AIF10	ohmm	Array Induction 10 inch Resistivity
AIF20	ohmm	Array Induction 20 inch Resistivity
AIF30	ohmm	Array Induction 30 inch Resistivity
AIF60	ohmm	Array Induction 60 inch Resistivity
AIF90	ohmm	Array Induction 90 inch Resistivity
AIO10	ohmm	Array Induction 10 inch Resistivity
AIO20	ohmm	Array Induction 20 inch Resistivity
AIO30	ohmm	Array Induction 30 inch Resistivity
AIO60	ohmm	Array Induction 60 inch Resistivity
AIO90	ohmm	Array Induction 90 inch Resistivity

Depth	Drilling Fluid	Casing / Hole Size	Description	Logged	Min	Max
0.0			30" Conductor @ 148.0 m	0.0	0.0	0.0
148.0			17 1/2" Hole	148.0	148.0	148.0
148.0			13 3/8" Casing @ 1,140.0 m	148.0	148.0	148.0
1,140.0			12 1/4" Hole	1,140.0	1,140.0	1,140.0
1,140.0			9 5/8" Casing @ 3,172.0 m	1,140.0	1,140.0	1,140.0
3,172.0			8 1/2" Hole	3,172.0	3,172.0	3,172.0
3,172.0			7" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			6" Hole	3,172.0	3,172.0	3,172.0
3,172.0			4 1/2" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			3 1/2" Hole	3,172.0	3,172.0	3,172.0
3,172.0			2 7/8" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			2 1/2" Hole	3,172.0	3,172.0	3,172.0
3,172.0			2" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1 1/2" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			3/4" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/2" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			3/8" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/8" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/16" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/32" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/64" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/128" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/256" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/512" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1024" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2048" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4096" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/8192" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/16384" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/32768" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/65536" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/131072" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/262144" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/524288" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1048576" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2097152" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4194304" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/8388608" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/16777216" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/33554432" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/67108864" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/134217728" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/268435456" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/536870912" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1073741824" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2147483648" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4294967296" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/8589934592" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/17179869184" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/34359738368" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/68719476736" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/137438953472" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/274877906944" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/549755813888" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1099511627776" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2199023255552" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4398046511104" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/8796093022208" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/17592186044416" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/35184372088832" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/70368744177664" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/140737488355328" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/281474976710656" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/562949953421312" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1125899906842624" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2251799813685248" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4503599627370496" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/9007199254740992" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/18014398509481984" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/36028797018963968" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/72057594037927936" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/144115188075855872" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/288230376151711744" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/576460752303423488" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1152921504606846976" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2305843009213693952" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4611686018427387904" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/9223372036854775808" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/18446744073709551616" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/36893488147419103232" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/73786976294838206464" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/147573952589676412928" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/295147905179352825856" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/590295810358705651712" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1180591620717411303424" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2361183241434822606848" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4722366482869645213696" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/9444732965739290427392" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/18889465931478580854784" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/37778931862957161709568" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/75557863725914323419136" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/151115727451828646838272" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/302231454903657293676544" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/604462909807314587353088" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1208925819614629174706176" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2417851639229258349412352" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4835703278458516698824704" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/9671406556917033397649408" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/19342813113834066795298816" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/38685626227668133590597632" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/77371252455336267181195264" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/154742504910672534362390528" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/309485009821345068724781056" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/618970019642690137449562112" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1237940039285380274899124224" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2475880078570760549798248448" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/4951760157141521099596496896" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/9903520314283042199192993792" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/19807040628566084398385987584" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/39614081257132168796771975168" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/79228162514264337593543950336" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/158456325028528675187087900672" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/316912650057057350374175801344" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/633825300114114700748351602688" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1267650600228229401496703205376" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2535301200456458802993406410752" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/5070602400912917605986812821504" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/10141204801825835211973625643008" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/20282409603651670423947251286016" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/40564819207303340847894502572032" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/81129638414606681695789005144064" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/162259276829213363391578010288128" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/324518553658426726783156020576256" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/649037107316853453566312041152512" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1298074214633706907132624082305024" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2596148429267413814265248164610048" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/5192296858534827628530496329220096" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/10384593717069655257060992658440192" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/20769187434139310514121985316880384" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/41538374868278621028243970633760768" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/83076749736557242056487941267521536" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/166153499473114484112975882535043072" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/332306998946228968225951765070086144" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/664613997892457936451903530140172288" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1329227995784915872903807060280344576" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2658455991569831745807614120560689152" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/5316911983139663491615228241121378304" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/10633823966279326983230456482242756608" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/21267647932558653966460912964485513216" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/42535295865117307932921825928971026432" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/85070591730234615865843651857942052864" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/170141183460469231731687303715884105728" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/340282366920938463463374607431768211456" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/680564733841876926926749214863536422912" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1361129467683753853853498429727072845824" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2722258935367507707706996859454145691648" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/5444517870735015415413993718908291383296" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/10889035741470030830827987437816582766592" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/21778071482940061661655974875633165533184" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/43556142965880123323311949751266331066368" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/87112285931760246646623899502532662132736" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/174224571863520493293247799005065324265472" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/348449143727040986586495598010130648530944" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/696898287454081973172991196020261297061888" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1393796574908163946345982392040522594123776" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2787593149816327892691964784081045188247552" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/5575186299632655785383929568162090376495104" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/11150372599265311570767859136324180752990208" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/22300745198530623141535718272648361505980416" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/44601490397061246283071436545296723011960832" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/89202980794122492566142873090593446023921664" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/178405961588244985132285746181186892047843328" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/356811923176489970264571492362373784095686656" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/713623846352979940529142984724747568191373312" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1427247692705959881058285969449495136382746624" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2854495385411919762116571938898990272765493248" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/5708990770823839524233143877797980545530986496" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/11417981541647679048466287755595961091061972992" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/22835963083295358096932575511191922182123945984" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/45671926166590716193865151022383844364247891968" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/91343852333181432387730302044767688728495783936" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/182687704666362864775460604089535377456991567872" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/365375409332725729550921208179070754913983135744" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/730750818665451459101842416358141509827966271488" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1461501637330902918203684832716283019655932542976" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2923003274661805836407369665432566039311865085952" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/5846006549323611672814739330865132078623730171904" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/11692013098647223345629478661730264157247460343808" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/23384026197294446691258957323460528314494920687616" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/46768052394588893382517914646921056628989841375232" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/93536104789177786765035829293842113257979682750464" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/187072209578355573530071658587684226515959365500928" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/374144419156711147060143317175368453031918731001856" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/748288838313422294120286634350736906063837462003712" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1496577676626844588240573268701473812127674924007424" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/2993155353253689176481146537402947624255349848014848" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/5986310706507378352962293074805895248510699696029696" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/11972621413014756705924586149611790497021399392059392" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/23945242826029513411849172299223580994042798784118784" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/47890485652059026823698344598447161988085597568237568" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/95780971304118053647396689196894323976171195136475136" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/191561942608236107294793378393788647952342390272950272" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/383123885216472214589586756787577295904684780545900544" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/766247770432944429179173513575154591809369561091801088" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1532495540865888858358347027150309183618739122183602176" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/3064991081731777716716694054300618367237478244367204352" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/6129982163463555433433388108601236734474956488734408704" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/12259964326927110866866776217202473468949912977468817408" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/24519928653854221733733552434404946937899825954937634816" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/49039857307708443467467104868809893875799651909875269632" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/98079714615416886934934209737619787751599303819750539264" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/196159429230833773869868419475239575503198607639501078528" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/392318858461667547739736838950479151006397215279002157056" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/784637716923335095479473677900958302012794430558004314112" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1569275433846670190958947355801916604025588861116008628224" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/3138550867693340381917894711603833208051177722232017256448" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/6277101735386680763835789423207666416102355444464034512896" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/12554203470773361527671578846415332832204710888928069025792" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/25108406941546723055343157692830665664409421777856138051584" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/50216813883093446110686315385661331328818843555712276103168" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/100433627766186892221372630771322662657637687111424552206336" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/200867255532373784442745261542645325315275374222849104412672" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/401734511064747568885490523085290650630550748445698208825344" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/803469022129495137770981046170581301261101496891396417650688" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1606938044258990275541962092341162602522202993782792835301376" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/3213876088517980551083924184682325205044405987565585670602752" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/6427752177035961102167848369364650410088811975131171341205504" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/12855504354071922204335696738729300820177623950262342682411008" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/25711008708143844408671393477458601640355247900524685364822016" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/51422017416287688817342786954917203280710495801049370729644032" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/102844034832575377634685573909834406561420991602098741459288064" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/205688069665150755269371147819668813122841983204197482918576128" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/411376139330301510538742295639337626245683966408394965837152256" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/822752278660603021077484591278675252491367932816789931674304512" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/1645504557321206042154969182557350504982735865633579863348609024" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/3291009114642412084309938365114701009965471731267159726697218048" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/6582018229284824168619876730229402019930943462534319453394436096" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/13164036458569648337239753460458804039861886925068638906788872192" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/26328072917139296674479506920917608079723773850137277813577744384" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/52656145834278593348959013841835216159447547700274555627155488768" Hole	3,172.0	3,172.0	3,172.0
3,172.0			1/105312291668557186697918027683670432318895095400549111254310977536" Liner @ 3,172.0 m	3,172.0	3,172.0	3,172.0
3,172.0			1/210624583337114373395836055367340864637790190801098222508621955072" Hole	3,172.0	3,172.0	3,172.0