



**RIG MONITORING**  
**PRESSURE LOG 1:2500**

Country : Australia  
Field : Black Watch  
Location : Lat: 38° 34' 45.54" South  
Long: 142° 43' 50.95" East  
Well : Halladale -1 DW1(L Black Watch)  
Company : Woodside Energy Ltd  
Rig : Ocean Patriot

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Well : Halladale -1 DW1(L Black Watch)  
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Country : Australia  
DOE Number :  
LOCATION  
Latitude : 38° 34' 45.54" South  
Longitude : 142° 43' 50.95" East  
UTM Easting = 650,763.20 m  
UTM Northing = 5,728,485.20 m  
Other Services  
FEWD  
Directional Drilling  
Permanent Datum : LAT  
Elevation : 0.00 m  
Log Measured From : Drill Floor  
21.50 m Above Permanent Datum  
Drilling Measured From : Drill Floor  
Elev. KB 0.00 m  
DF 21.50 m  
GL 0.00 m  
WD 44.80 m

Depth Logged : 66.30 m To 1,918.00 m  
Date Logged : 22-Mar-05 To 10-Apr-05  
Total Depth MD : 1,918.00 m TVD : 1,869.17 m  
Spud Date : 22-Mar-05  
Unit No. : 197  
Job No. : AU-FE-0003325470  
Plot Type : Final  
Plot Date : 28-Jun-05

Run No.	Size	Borehole Record (TVD)	Run No.	Size	Borehole Record (TVD)
1	914.400 mm	66.30 m	69.00 m	101.00 m	
2	444.500 mm	69.00 m	101.00 m	426.98 m	
3	444.500 mm	101.00 m	426.98 m	838.62 m	
4	311.150 mm	426.98 m	838.62 m	1,747.67 m	
5	215.900 mm	838.62 m	1,747.67 m	1,755.07 m	
6	215.900 mm	1,747.67 m	1,755.07 m	762.000 mm	458.00 kgpm
7	215.900 mm	1,755.07 m	1,869.17 m	340.000 mm	101.00 kgpm
				244.000 mm	70.00 kgpm

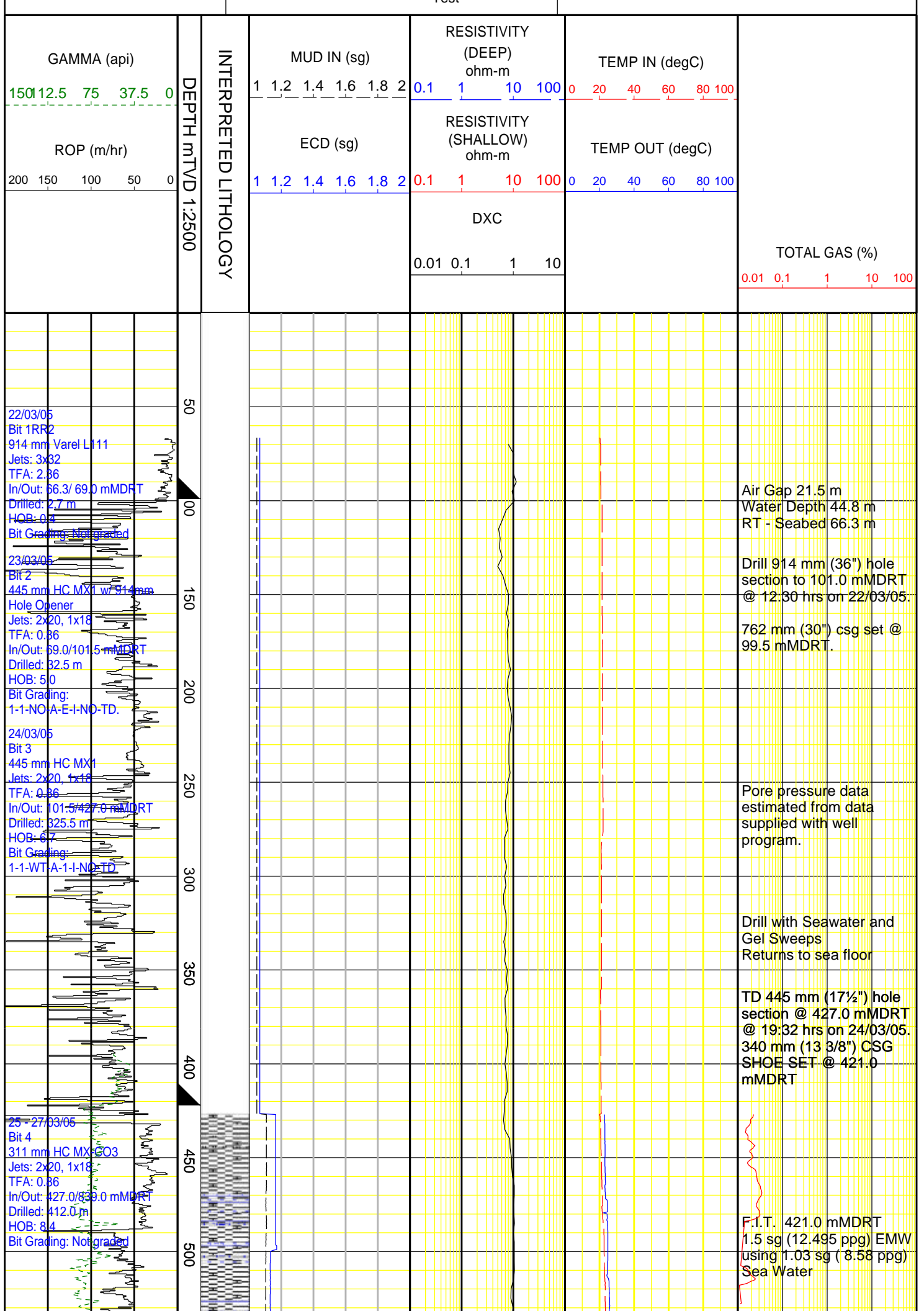
**LEGEND**

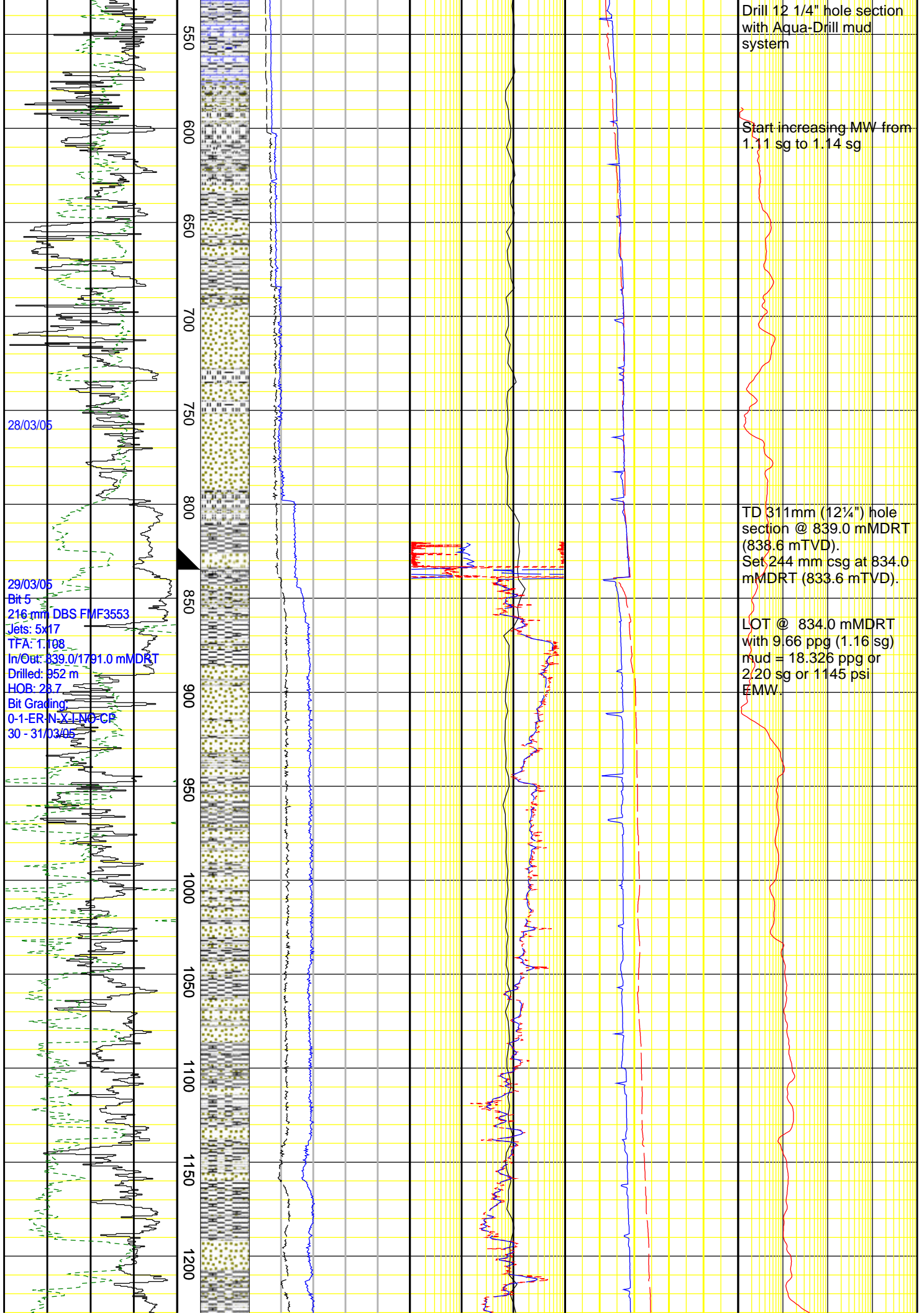
**Abbreviations and Symbols**

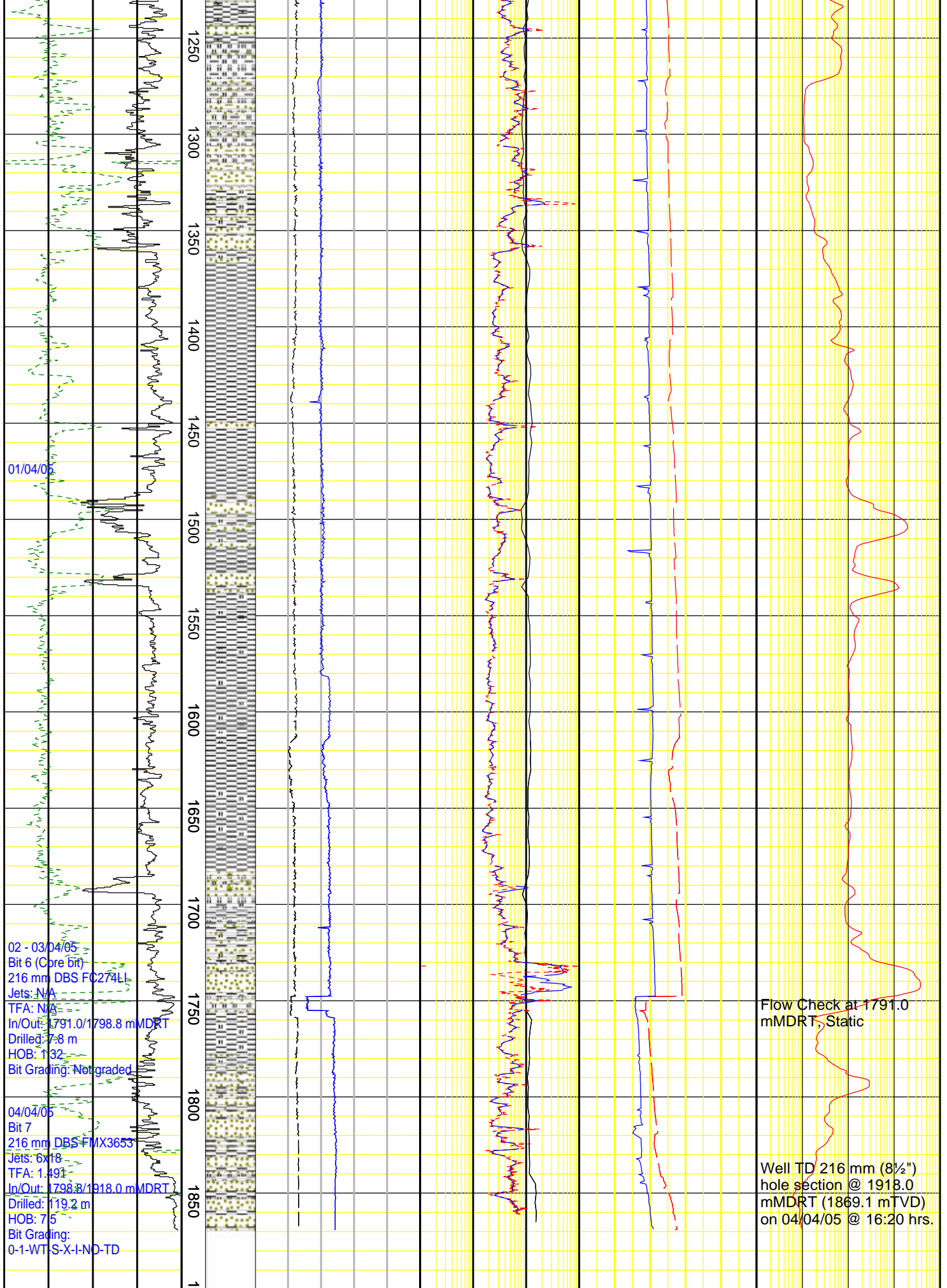
Drilling Data		Mud Data			
BG	Background Gas	Cl-	Chloride Ion Conc	Rm	Mud Resistivity
BHT	Bottomhole Temp	FC	Filter Cake	Rmf	Filtrate Resistivity
C	Carbide Test	FL	Filtrate Loss	S	Solids Content
CB	Core Bit	G	Gels	Vis	Funnel Viscosity
CG	Connection Gas	pH	Hydrogen Ion Content	MW	Mud Weight
CKF	Check For Flow	PV	Plastic Viscosity	YP	Yield Point
CO	Circulate Out	<b>Engineering Data</b>			
DB	Diamond Bit				
DC	Depth Correction	Core No.	Water		
DS	Direction Survey	DST No.	Salt Water		
DST	Drillstem Test	Casing Seat	Fresh Water		
FLT	Flowline Temp.	Side Wall Core	Hydrocarbons Smell		
LAT	Logged After Trip	Gas Traces	H2S Smell		
NB	New Bit	Gas	Interval Tester		
NR	No Returns	Oil Traces	Wireline Log Run		
PDC	Polycrystalline Diamond	Oil	Leakoff Test		
	Compound Bit	Bitumen	Pressure Integrity Test		
PR	Partial Returns				
RPM	Revs Per Minute				
RRB	Rerun Bit				
STG	Short Trip Gas				
TB	Turbo Drill				
TG	Trip Gas				
U	Gas Units				
WOB	Weight On Bit				

**Lithology Symbols**

	Sandstone		Sandy Claystone
	Calcareous Sandstone		Silty Claystone
	Glaucconitic Sandstone		Calcareenite
	Silty Sandstone		Argillaceous Calcareenite
	Argillaceous Sandstone		Sandy Calcareenite
	Siltstone		Calcsiltite
	Sandy Siltstone		Calcilutite
	Argillaceous Siltstone		Argillaceous Calcilutite
	Claystone		Limestone
	Clacareous Claystone		Dolomite







GAMMA (api)	IN	MUD IN (sg)	RESISTIVITY (DEEP) ohm m	TEMP IN (degC)	
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