#177-30841

CONFIDENTIAL

Revised 5-21-2010

Century WIRELINE SERVICES

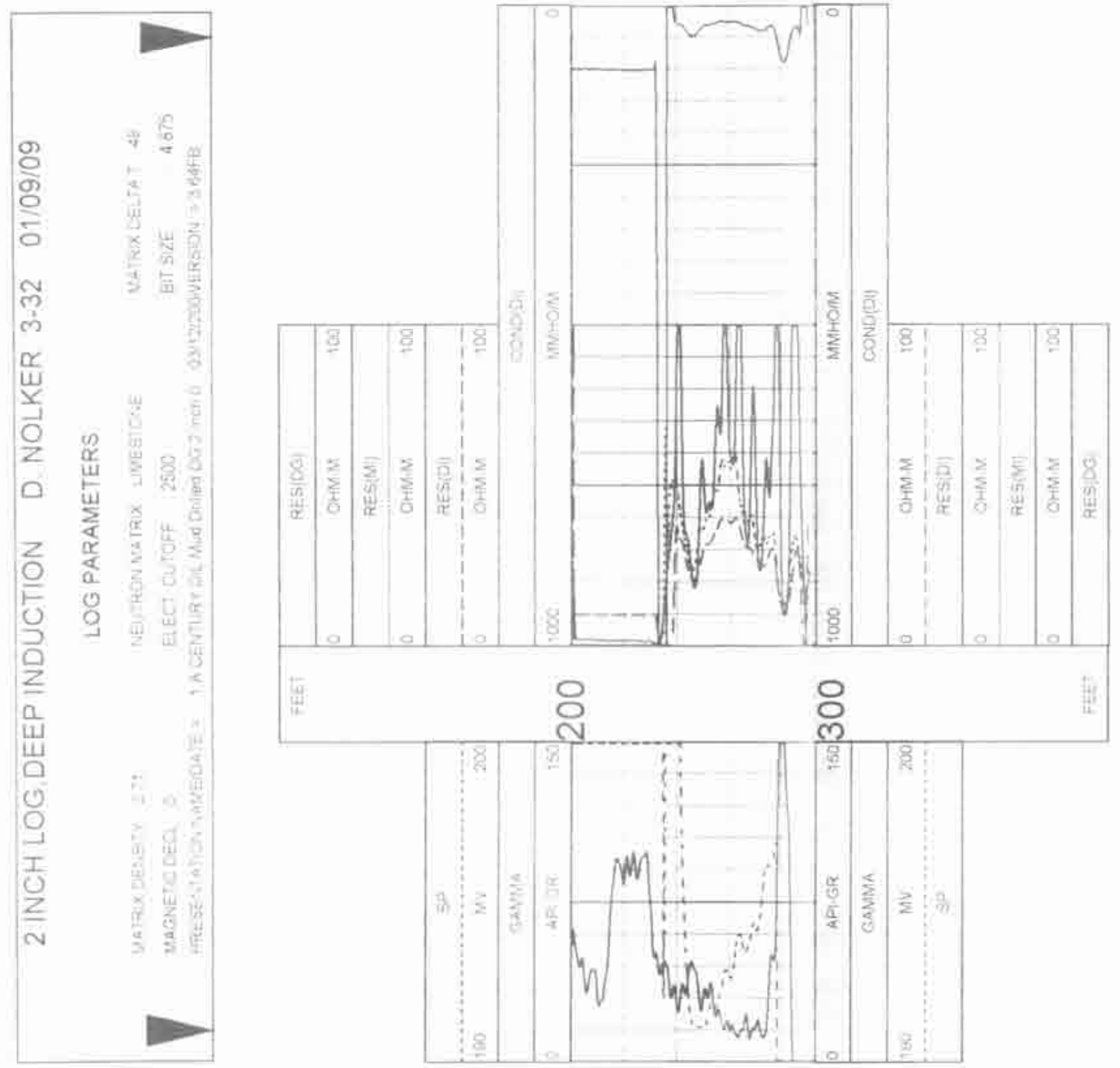
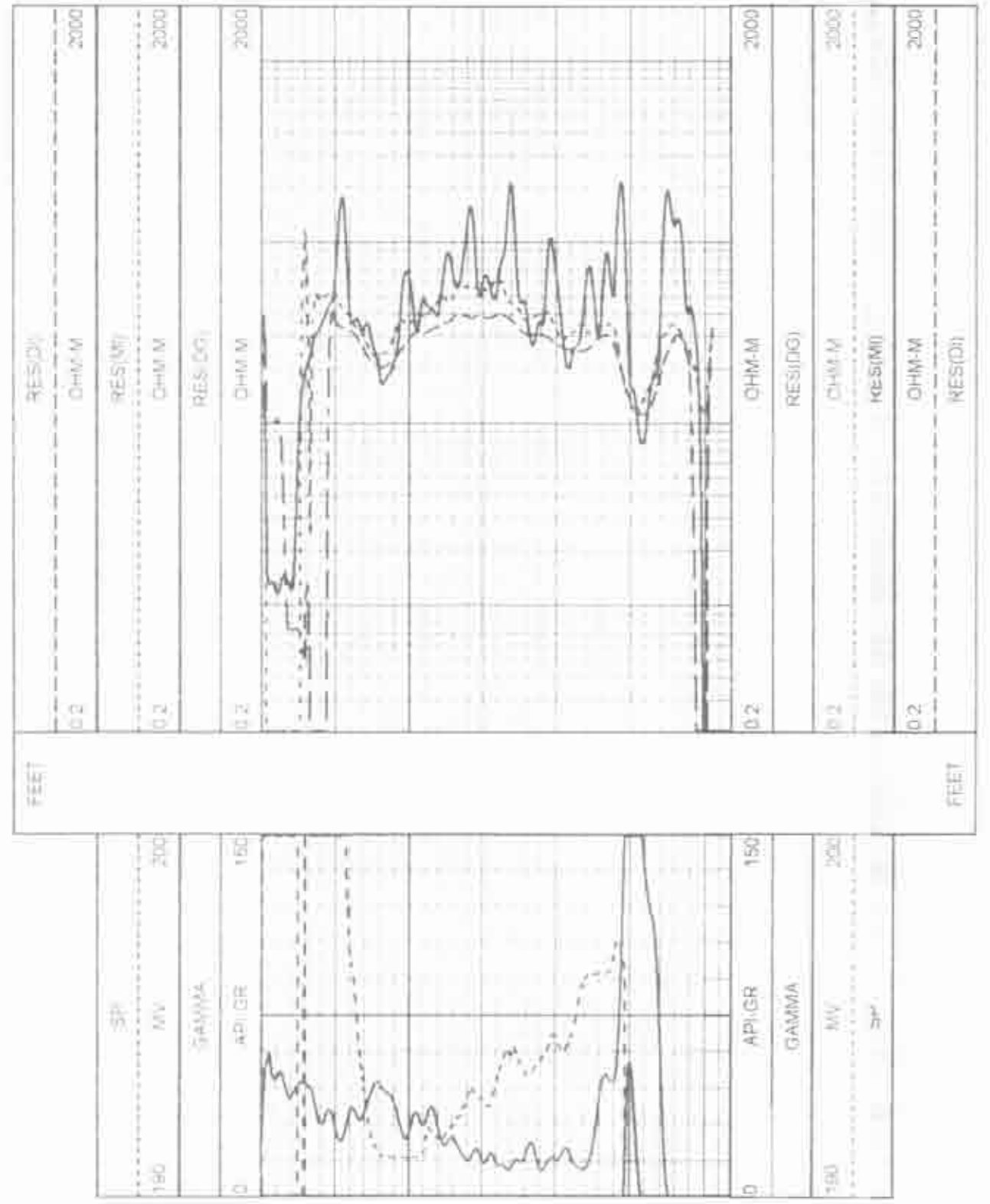
DUAL INDUCTION

RECEIVED

MAY 21 2009

Mo Oil & Gas Comm.

D. NOLKER 3-32

COMPANY	IGWI, INC	OTHER SERVICES: CNL, CDL
WELL	D. NOLKER 3-32	
FIELD		
COUNTY	RAY	
STATE	MISSOURI	
LOCATION		
SECTION	32	
TOWNSHIP	54 N	
RANGE	28 W	
API NO	NA	
UNIQUE WELL ID		
PERMANENT DATUM	G.L.	ELEVATION KB NA
LOG MEASURED FROM	G.L.	ELEVATION DF NA
DRL MEASURED FROM	G.L.	ELEVATION GL NA
DATE	01/09/09	
DEPTH DRILLER		
BIT SIZE	4.875	
LOG TOP	-1.00	
LOG BOTTOM	293.40	
CASING OD	3.625	
CASING BOTTOM	23.00	
CASING TYPE	STEEL	
BOREHOLE FLUID	FW	
RM TEMPERATURE	NA	
MUD RES	NA	
MUD WEIGHT	8.3	
WITNESSED BY	HUPP	
RECORDED BY	K.RUNNELS	
REMARKS 1		
REMARKS 2		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS