C:\DATA\W.N.F. #8.DXF

E & B Natural Resources Management Corp.

PRODUCTION LOGGING

WATER INJECTION SURVEY

FILING NO.	COMPANY: FOUR TEAMS OIL PRODUCTION
	WELL: W.N.F. #8
	FIELD: WILMINGTON
	COUNTY: LOS ANGELES STATE: CALIFORNIA
	LOCATION: OTHER SVC:
JB	API NUMBER: 0403722620
	SEC: 2 TWN: 32S RNG: 22E

OK
[handwritten initials] 3-8-06

PERMANENT DATUM: GROUND LEVEL ELEV:
LOG MEASURED FROM KB 12' ABOVE PERM DATUM
DRILLING MEASURED FROM

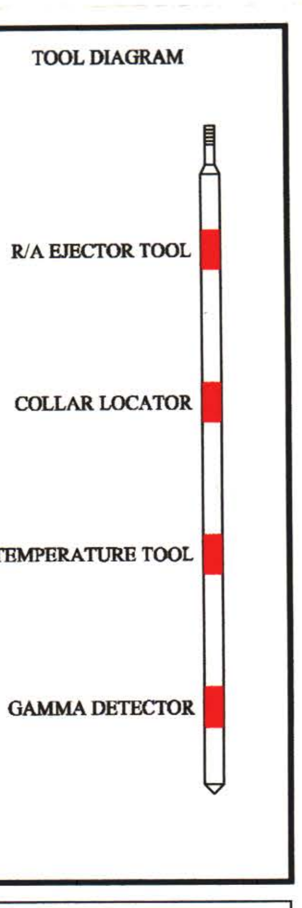
-ELEVATIONS-
KB: Ft.
DF: Ft.
GL: Ft.

DATE LOG RAN	1-22-2003	PRESSURE	FLOWING	INJECTION	SHUT-IN
RUN NUMBER	ONE	TUBING PSI		1500	
EFFECTIVE DEPTH	4345'	CASING PSI		0-VENTED	
PICKUP DEPTH	4343'	INJECTION RATE		320 B/D	
BOT LOGGED INT	4343'	OBSERVED RATE		167 B/D	
TOP LOGGED INT	200'	R/A SOURCE		I-131 W	
TYPE OF INJECT	WATER	ACTIVITY		.8 MCI	
FLUID IN WELL	WATER	HALF LIFE		8.08 DAYS	
FLUID LEVEL	SURFACE				
WELL STATUS	INJECT.			PRODUCTION DATA	
MAX TEMPERATURE	112.1 F.	OIL Gr.		OIL = B/D	
AT DEPTH	4253.5'	GAS Gr.		GAS= MCF/D	
TEMPERATURE SENS	1 F/DIV.	MPP		BHP = PSI	
LOGGING SPEED	VARIOUS			WATER= B/D	
RECORDED BY	R. LOPEZ				
WITNESSED BY					
ENGINEER					
DEPTH CORRELATION	LT				

C:\DATA\W.N.F. #8.DXF

Equipment Data			
R/A Ejector Tool	1.375"		
Collar Locator	1.375"		
Temperature Tool	1.375"		
Gamma Detector	1.375"		

TOOL DIAGRAM



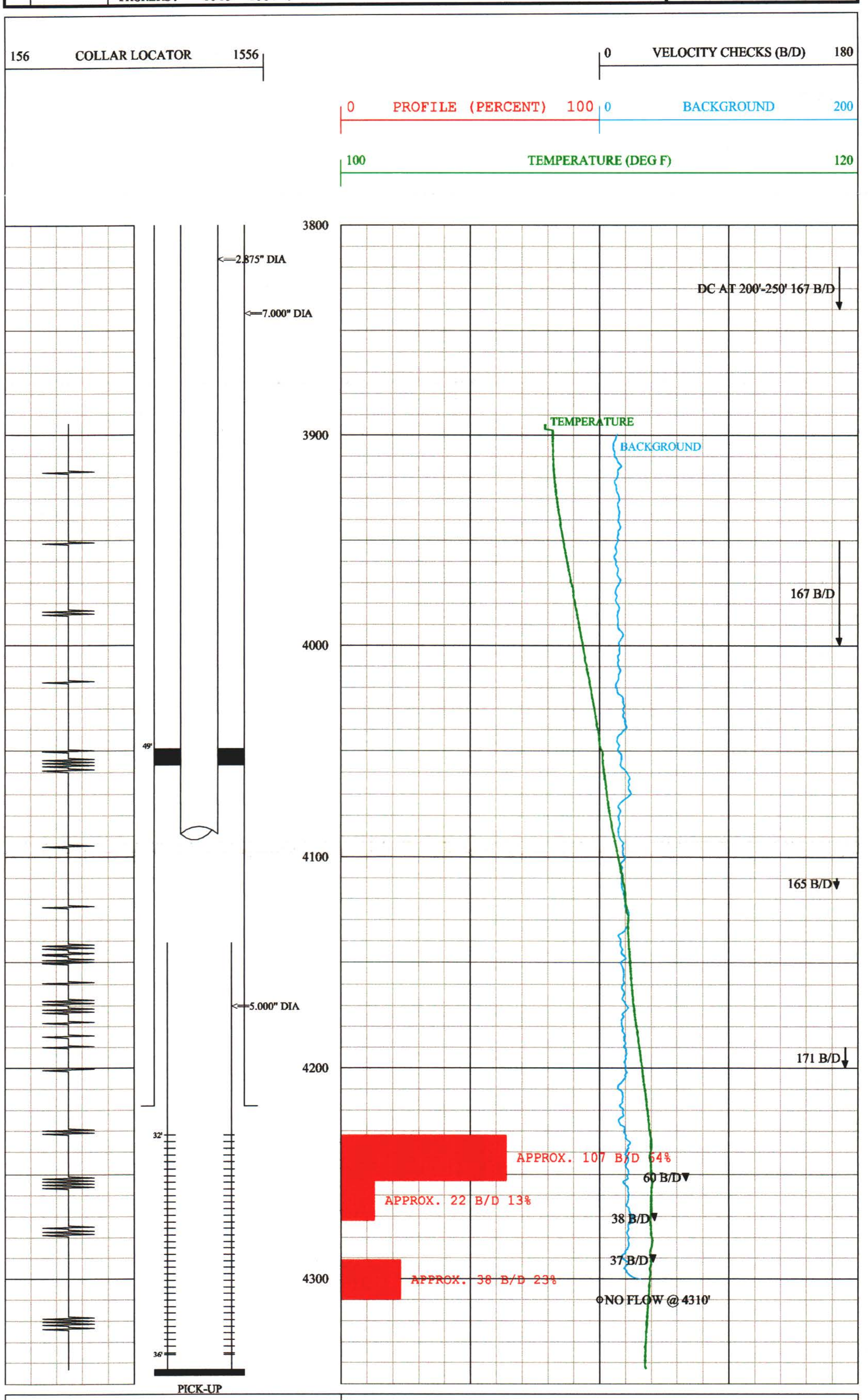
Remarks/Survey Results

SURVEY INDICATES NO MIGRATION AROUND TOP PERF OR AT PACKER.
WATER INJECTION SURVEY - PROFILE A:
4232'-4253' APPROX. 107 B/D 64%
4253'-4272' APPROX. 22 B/D 13%
4291'-4310' APPROX. 38 B/D 23%

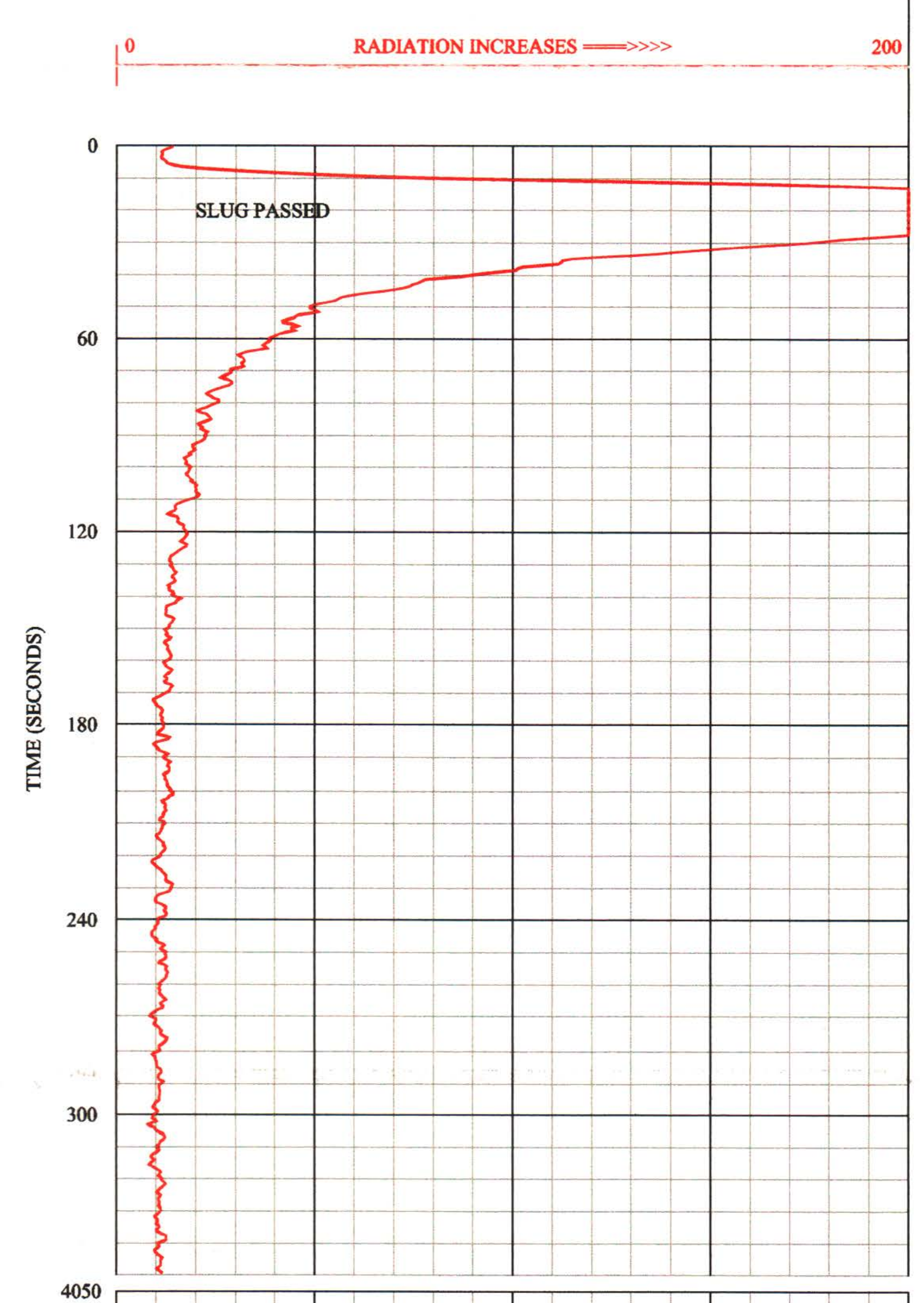
CASING AND TUBING RECORD

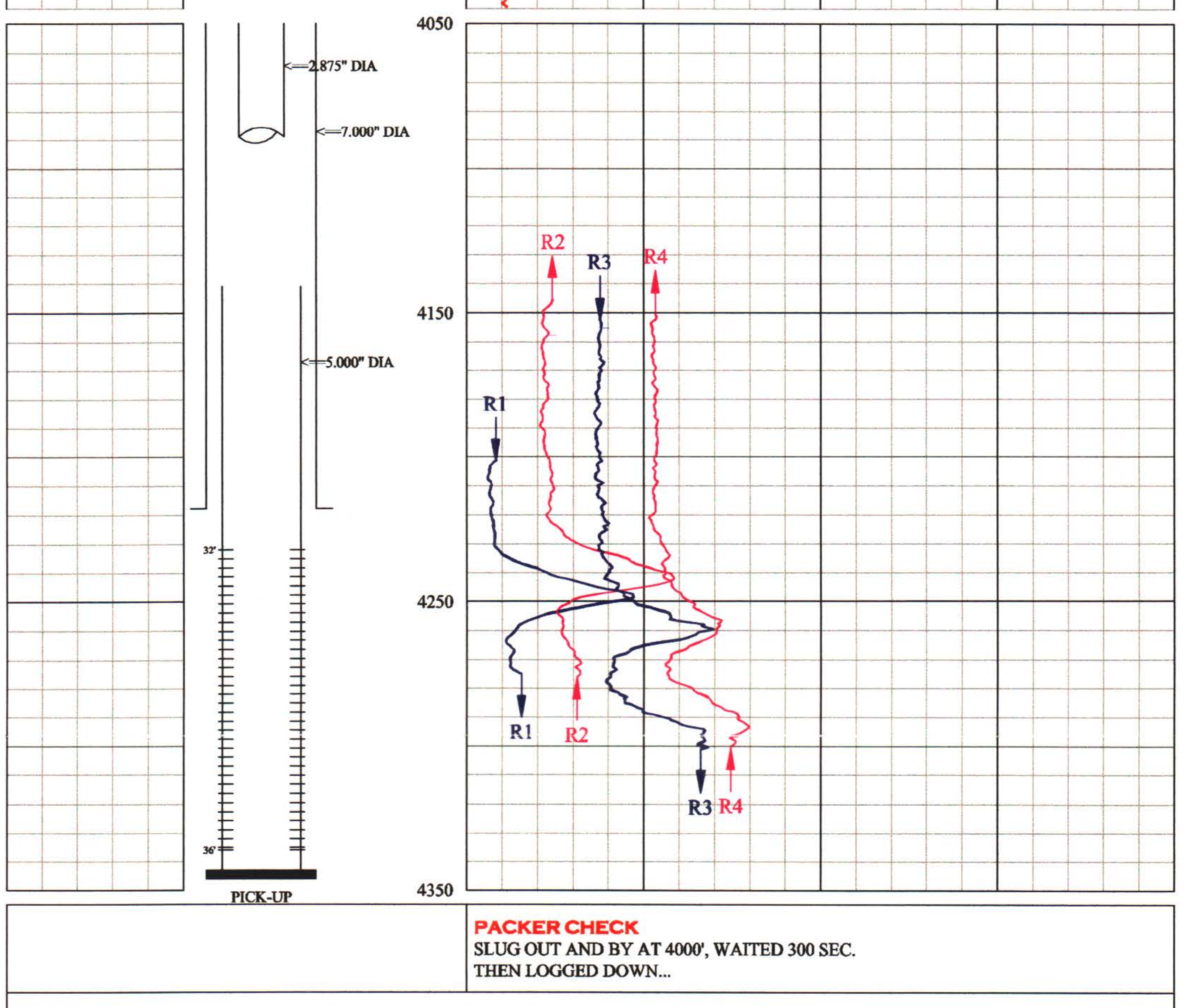
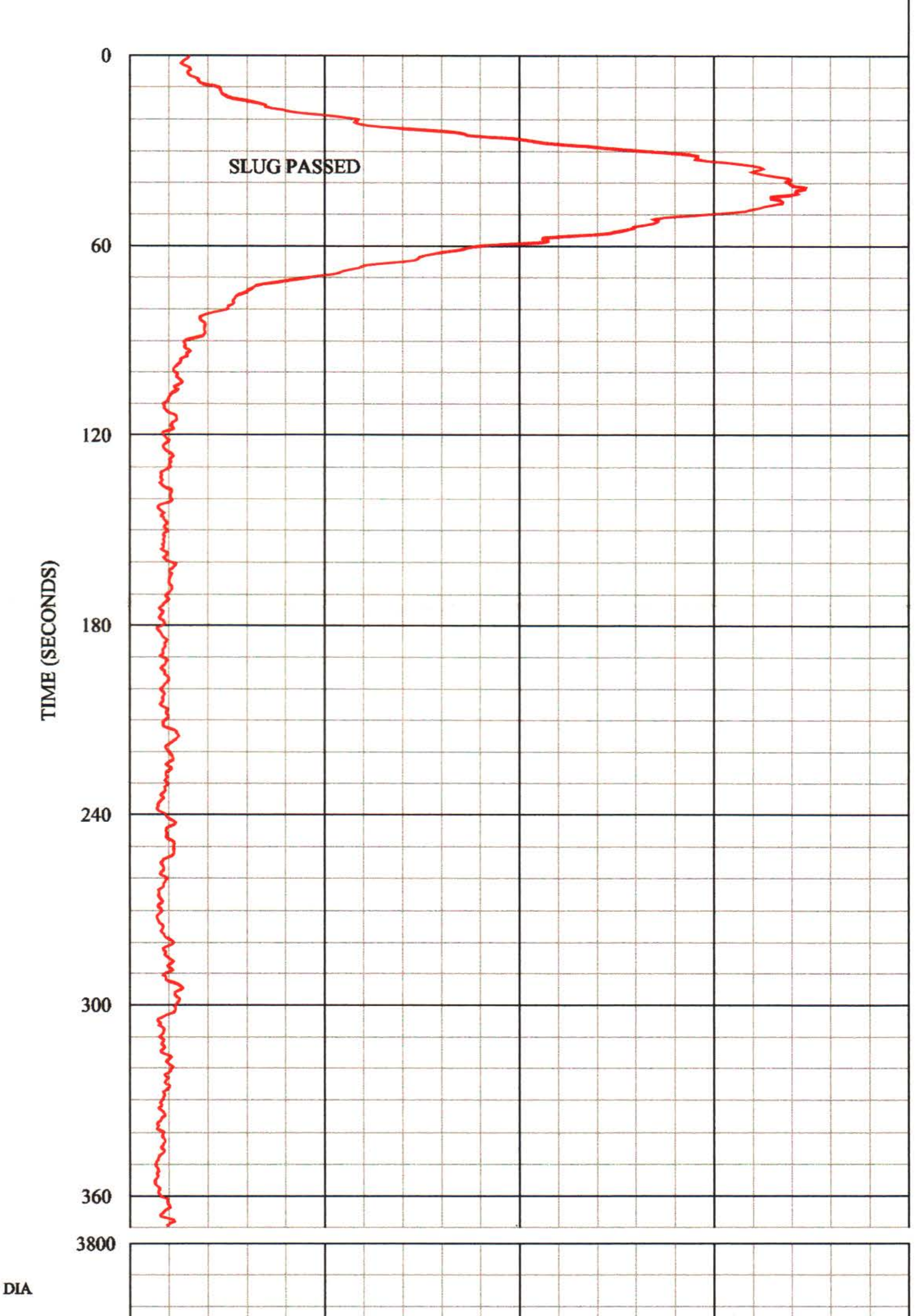
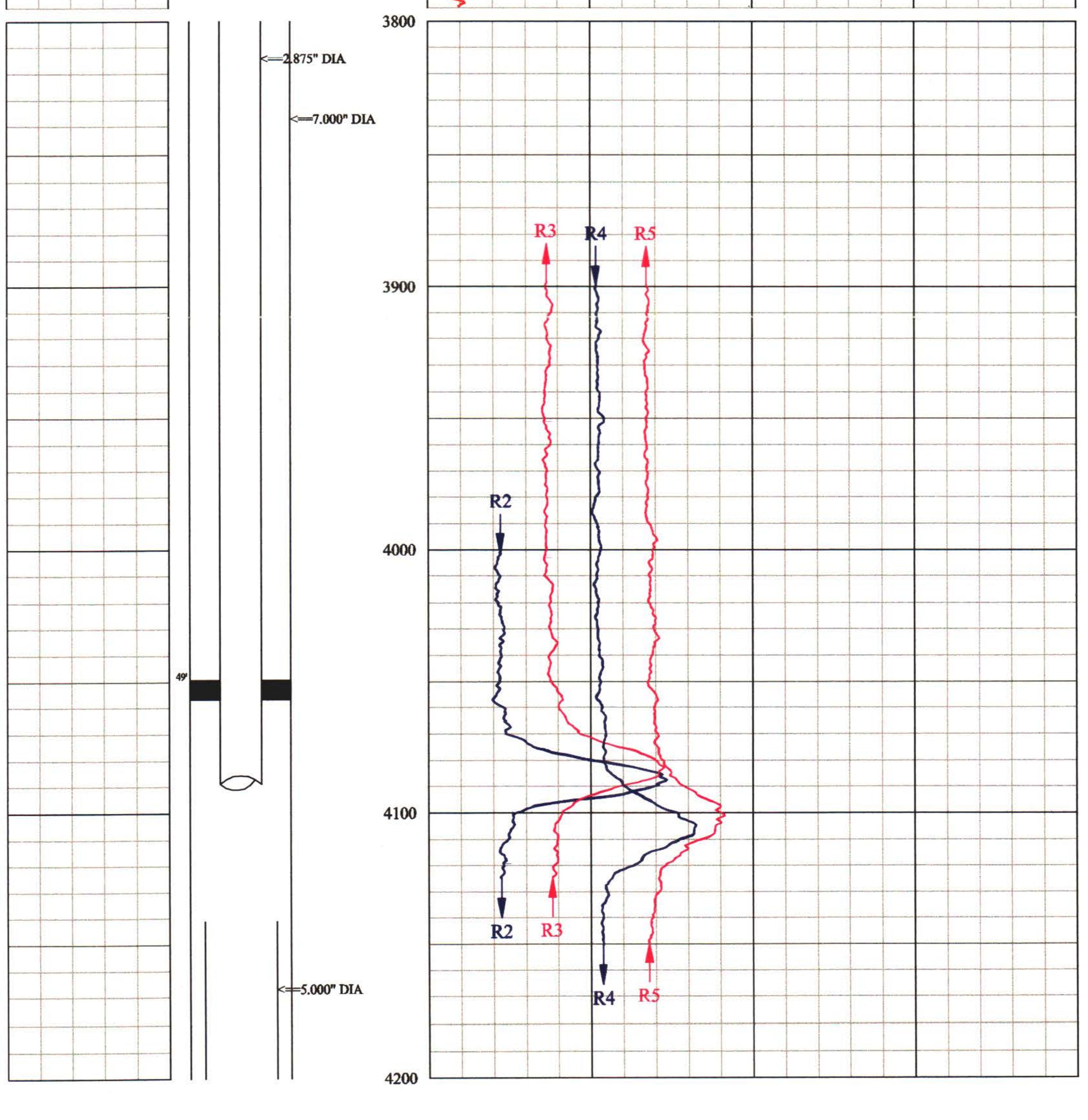
SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
7"	23	SURFACE	4218'				
5"	18	4141'	4345'				
2.875"		SURFACE	4089'				

STR.	PIPE DIA.	PERFORATIONS
A	5"	4232'-4336'.
		PACKERS: 4049'-4057'.



TOP PERF CHECK
SLUG OUT AND BY AT 4200', WAITED 300 SEC.
THEN LOGGED DOWN...





PACKER CHECK
SLUG OUT AND BY AT 4000', WAITED 300 SEC.
THEN LOGGED DOWN...