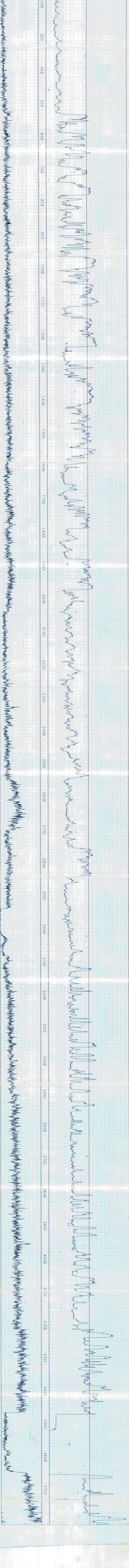


Gamma Neutrons

COLORADO WELL LOGGING, INC.

1919 BR. STREET • GOLDEN, COLORADO 80401 • (303) 278-0771 • TELE. 46-0888

PROJECT: CLACKAMAS GEOTHERMAL HOLE		HOLE: CTGH #1		INSTR. MODEL: L11		LMT. NO.: 19	
COMPANY: THERMAL POWER		DATE: 5 SEP 86		PROG. NO.: XAP		K-FACOR:	
STATE: OREGON		COUNTY: MARION		DEPTH: 28		TYP: 85	
DRILL HOLE DATA:		DRILLING CONTRACTOR: BOTTLES BROTHERS		DRILL HOLE DATA:		DRILL HOLE DATA:	
DEPTH DRILLED: 4800 FT		COLLARI ELEV: 3440 EST. FT		CANNED THICK: IN		TIME ON: 00:15	
DEPTH LOGGED: 4800 FT		BIT SIZE: NX 90RE		OPERATOR: ROD BATES		OFF: 05:45	
DEPTH CASING: 4800 FT		TIME SINCE CIRCULATION: IN		WITNESSES: JOE LOVENETTI			
FLUID LEVEL: 22 FT		TYPE FLUID: BENTONITE GEL		REMARKS: DEPTH MEASURED FROM GROUND LEVEL			
LOGGED OPEN HOLE: THRU PIPE		THRU CASING		LOGGED THRU: NX CORE.			
CORROSION FACTORS PIPE		CANNING		WATER			
NATURAL GAMMA		INITIAL		REBINS			
DEPTH FROM: 4800		INFT		1		2	
DEPTH TO: 4800		SURF		3		4	
FULL SCALE (CPS): 50		LOGGING SPEED: FT/MIN		30			
DIGITAL INTERVAL: FT		DISPLACEMENT: INCHES		30			
LOGGING SPEED: SEC		THE CONSTANT: SEC		.5			
N-N NEUTRON:		DEPTH FROM: 4800		SURF			
DEPTH TO: 4800		BIAS: MILLIVOLTS		RATIO: MILLIVOLTS/FOOT			
FULL SCALE (CPS): 10000		RESISTIVITY		DEPTH FROM: 4800			
DIGITAL INTERVAL: FT		LOGGING SPEED: FT/MIN		30			
LOGGING SPEED: FT/MIN		RATIO: OHM-CM/FT		DEPTH FROM: 4800			
DIGITAL INTERVAL: FT		LOGGING SPEED: FT/MIN		30			



CNI 10103

PROJECT: CLACKAMAS G.H. HOLE NO. CTGH #1 DATE: 5-86