Cogco INC.

FIELD INJECTION SURVEY

FILING NO.

COMPANY AMERADA PETROLEUM NORTHWEST

WELL 44-15 A

FIELD NINE

COUNTY COLUMBIA STATE OTC

LOCATION: OTHER SERVICES

SEC. TWP. RGE.

PERMANENT DATUM: GL ELEV. ELEV.: K.B.

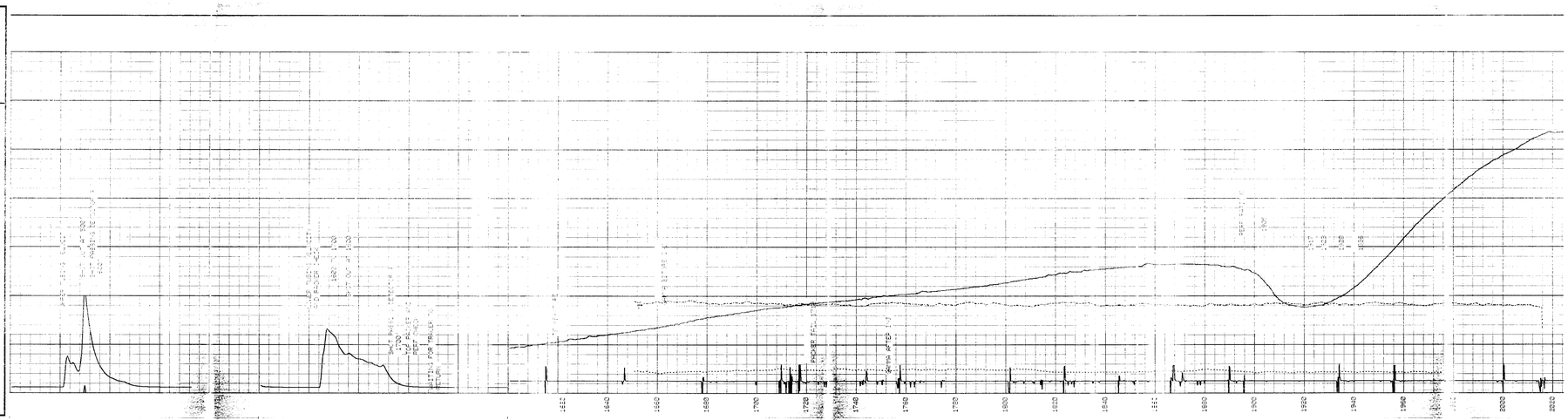
LOG MEASURED FROM K.B. FT. ABOVE PERM. DATUM D.F.

DRILLING MEASURED FROM K.B. G.L.

DATE	05-04-82		
RUN NO.	ONE		
DEPTH - DRILLER	1800		
DEPTH - LOGGER	1800		
BOTTOM LOGGED INT.	1800		
TOP LOGGED INT.	1000		
TYPE FLUID IN HOLE	BRINE		
SALINITY, PPM Cl	N.A.		
DENSITY	N.A.		
LEVEL	FULL		
MAX. REC. TEMP.	N.A.		
OPERATING RIG TIME			
OPERATOR	M. COGGILL		
WITNESSED BY	MR. LUCAS		

RUN BORE HOLE RECORD

BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
5.5"		SURF.