

COMPANY: REICHHOLD ENERGY CORPORATION
 WELL: WERNER 14-21
 FIELD: ST. LOUIS
 COUNTY: MARION
 STATE: OREGON
 LOCATION: 604.5' N & 627.5' E
 DF SW CORNER
 SEC: 21
 T1P: 55
 RGE1 2M
 RECEIVED: NOV 12 1982
 DEPTH-DRILLER: 2473.0
 DEPTH-LOGGER: 2474.0
 BITM. LOG INTERVAL: 2468.0
 TOP LOG INTERVAL: 1206.0
 CASING-DRILLER: 1206
 CASING-LOGGER: 1206
 CASING: 7
 BIT SIZE: 6.25
 DEPTH: 2473

Run 2 SERVICES-
 BHC
 HDT

PERMANENT DATUM: GL
 ELEV. OF PERM. DATUM: 178.0
 LOG MEASURED FROM: KB
 DRLG. MEASURED FROM: KB
 ELEVATIONS-
 KB: 189.4
 DF: 178.0
 GL: 178.0

DATE: 5 OCT 1982
 RUN NO: 1
 DATE: 9 OCT 1982
 RUN NO: 2
 SERVICE ORDER NO: 205819

	Run 1	Run 2
TYPE FLUID IN HOLE:	LIGNOSULFONATE	LIGNOSULFONATE
DENSITY:	9.4 LB/G	9.4 LB/G
VISCOSITY:	49.0 S	52.0 S
PHI:	9.0	9.5
FLUID LOSS:	4.2 C3	4.6 C3
SOURCE OF SAMPLE:	CIRC.	CIRC.
RMF:	2.940 OHMM AT 70.0 DEGF	2.050 OHMM AT 80.0 DEGF
RMC:	4.430 OHMM AT 55.0 DEGF	3.060 OHMM AT 58.0 DEGF
SOURCE RMF/RMC:	2.770 OHMM AT 67.0 DEGF	1.770 OHMM AT 62.0 DEGF
RM AT BHT:	MEAS. /MEAS.	MEAS. /MEAS.
RMF AT BHT:	2.219 OHMM AT 95.0 DEGF	1.698 OHMM AT 98.0 DEGF
RMC AT BHT:	2.692 OHMM AT 95.0 DEGF	1.894 OHMM AT 98.0 DEGF
	2.009 OHMM AT 95.0 DEGF	1.163 OHMM AT 98.0 DEGF
TIME CIRC. STOPPED:	1030	0700
TIME LOGGER ON BHT:	1230	0930
MAX. REC. TEMP:	95.0 DEGF	98.0 DEGF
LOGGING UNIT NO:	8216	8216
LOGGING UNIT LOC:	SACRAMENTO	SACRAMENTO
RECORDED BY:	ANDERSEN	ANDERSEN
WITNESSED BY:	BRUER WILLIAMSON	BRUER

REMARKS:

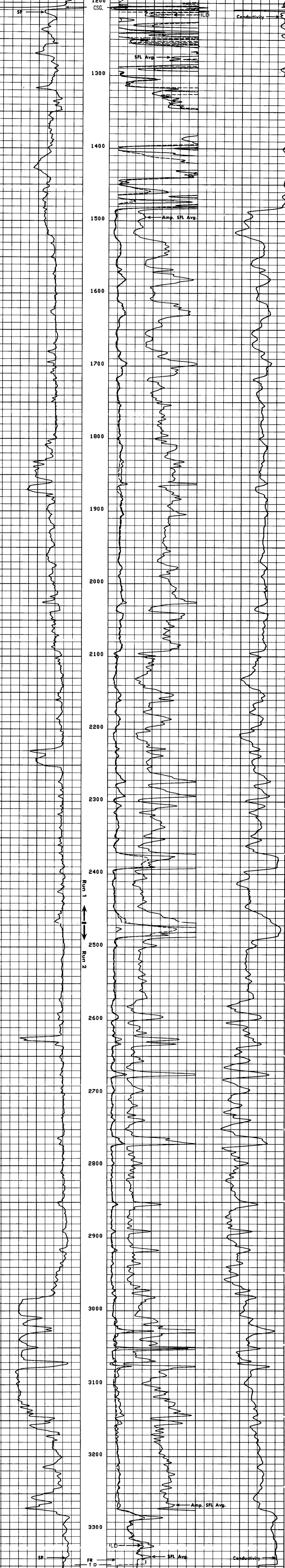
EQUIPMENT NUMBERS-Run 1
 IS 1342 IC 1149 IEM 384

REMARKS:

EQUIPMENT NUMBERS-Run 2
 IS 1342 IC 1386 IEM 384

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

SP (MV)	0.0	ILD (OHMM)	0.0	30.000	SFLA(OHMM)	0.0	6.0000	CILD(MMHD)	0.0	30.000	1000.0
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SENSOR MEASURE POINT TO TENSION REFERENCE POINT					
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET

PARAMETERS					
NAME	VALUE	UNIT	NAME	VALUE	UNIT
DSEC	5.80000	MMHD	BS	6.25000	IN
MSEC	7.50000	MMHD	SBR	1.00000	OHMM
DD	0.0	F	BHS	OPEN	

COMPANY: REICHHOLD ENERGY CORPORATION
 WELL: WERNER 14-21
 FIELD: ST. LOUIS
 COUNTY: MARION STATE: OREGON
 SCHL. FR: 3342.0'
 SCHL. TD: 3354.0'
 DRLR. TD: 3354.0'
 Elev: KB 189.4'
 DF: N/A
 GL: 178.0'