

# welenco

ELECTRIC / GAMMA RAY / CALIPER LOG

FILING NO. WELL ME-4P-1  
COMPANY METRANE ENERGY CORPORATION  
FIELD COOS BAY  
COUNTY COOS  
LOCATION: BRIGHTS HILL ROAD  
STATE OREGON  
OTHER SERV: SONIC/SWILL  
DEVIATION

JOB NO. 39475  
SEC 16 TWP 28S RGE 13W  
PERMANENT DATUM: GROUND LEVEL  
LOG MEASURED FROM G.L. 0 FT ABOVE PERM DATUM  
DILLING MEASURED FROM GROUND LEVEL

Run No. 11-20-2004  
Date 11-20-2004  
Depth - Driller 2418  
Btm. Log Intler. 2403  
TOP Log Intler. 0  
Casing-Driller 5.5' at 268'  
Casing-Logger 5.5' at 268'

Bit Size 4 1/4"  
Type Fluid In Hole E-2 MUD  
Dens. Visc. N/A N/A ml  
PH Fluid Loss N/A  
Source of Sample PIT  
Rmf at Meas. Temp. 8.8 at 75 F  
Rmf at Meas. Temp. 9.6 at 75 F  
Rmf at Meas. Temp. N/A at F  
Rmf at BHT N/A at F  
Time Since Circ. 2 HRS  
Max. Rec. Temp. N/A  
Equip. Location L-15 BFL

Witnessed By GARY JOHNSON  
Recorded By DANN IHDE  
K. FALLS

Charges in Two Types or Additional Samples

Date	Sample No.	Type	Depth

Scale Changes

Scale	Log Hole	Scale	Log Hole	Scale	Log Hole

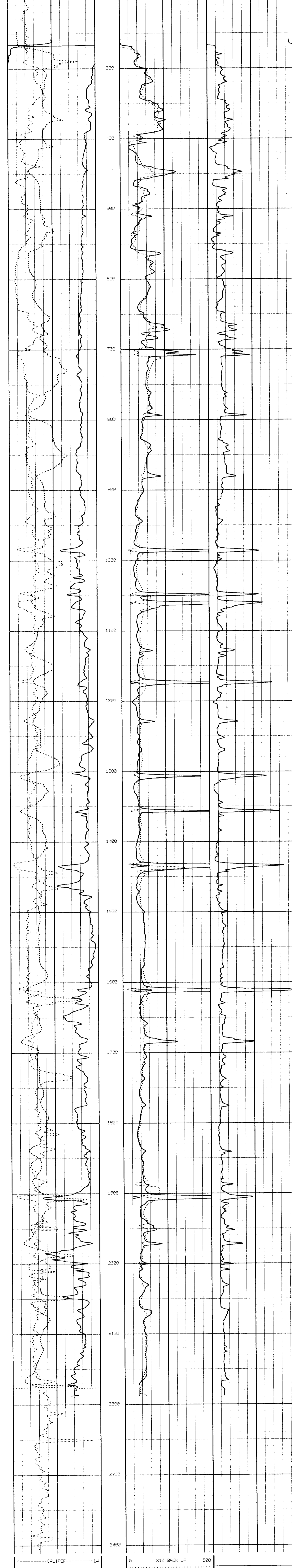
Equipment Data

Tool Type	Tool Pos	Other
ELECTRIC	FREE	
GAMMA RAY	SCINT	500/500 TC-2
CALIPER	3 ARM	FREE 500/500

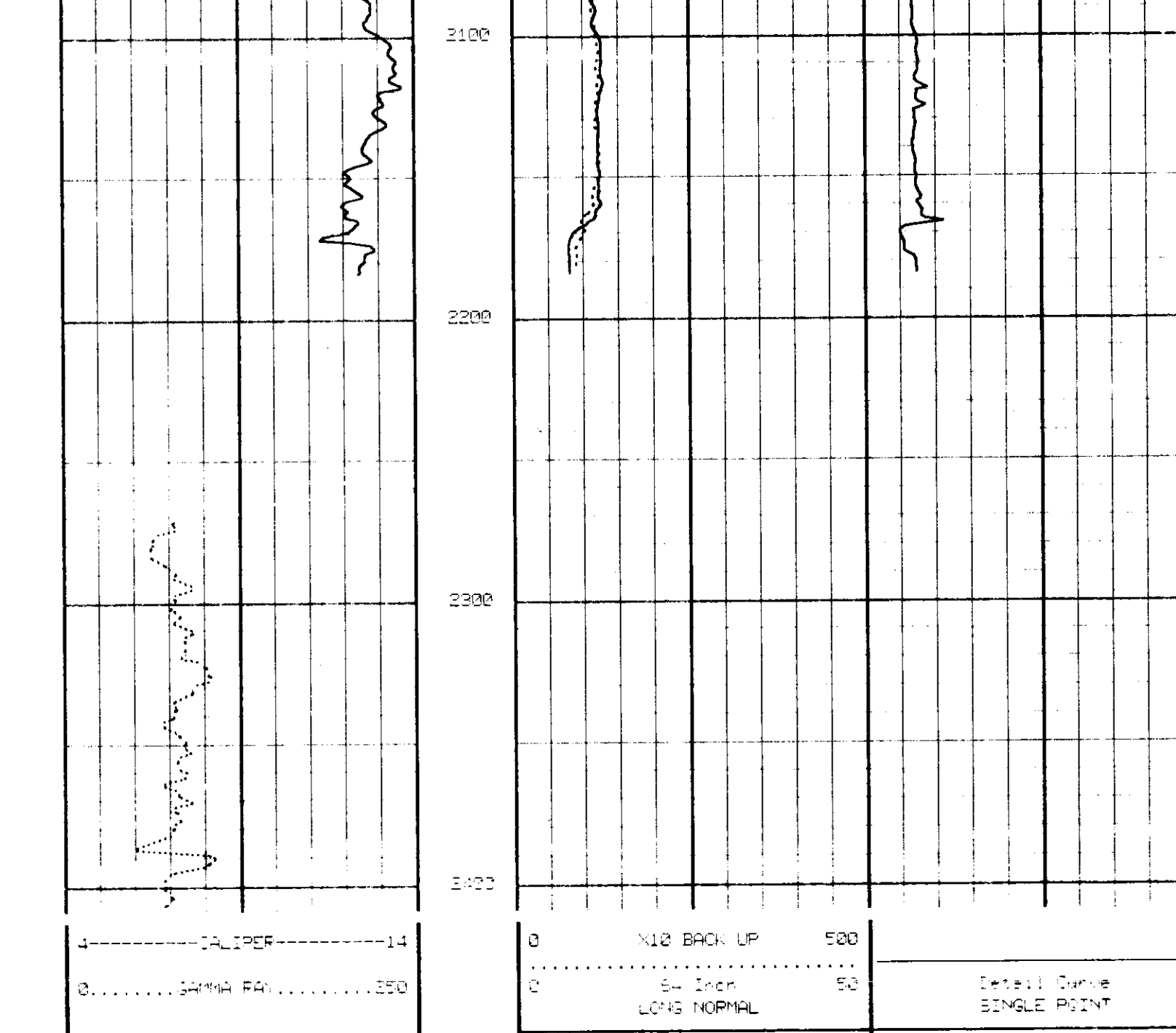
REMARKS: GAMMA RAY RUN THRU DRILL PIPE DUE TO HOLE BRIDGING OFF AT 2178'.  
ELOG AND CALIPER RUN TO BRIDGE AT 2178'

WELL DRILLED BY: DYNATEC DRILLING

SPONTANEOUS POTENTIAL	DEPTHS	RESISTIVITY	RESISTANCE
		ohmmeters <sup>2</sup> /meter	ohms
		SHORT NORMAL	
		16 Inch	50
		X10 BACK UP	500
		LONG NORMAL	
		64 Inch	50
		X10 BACK UP	500



SPONTANEOUS POTENTIAL	DEPTHS	RESISTIVITY	RESISTANCE
		ohmmeters <sup>2</sup> /meter	ohms
		X10 BACK UP	500
		64 Inch	50
		LONG NORMAL	
		X10 BACK UP	500
		16 Inch	50
		SHORT NORMAL	



SPONTANEOUS POTENTIAL	DEPTHS	RESISTIVITY	RESISTANCE
		ohmmeters <sup>2</sup> /meter	ohms
		X10 BACK UP	500
		64 Inch	50
		LONG NORMAL	
		X10 BACK UP	500
		16 Inch	50
		SHORT NORMAL	