GEOTHERMAL DATA LOG

TRANS-PACIFIC GEOTHERMAL

Company: ESC Trans-Pacific Geothermal

Well: GEO 6-5-11

Field: Geyser

County: Sonoma State: California

Location: 1140' N. and 1140' E. of S.E. Corner

Section 5 Twp. 11N Rge. 8W

Elevation: 2,000' Ground

Permanent Datum: Sea Level

Log Measured From: Kelly Bushing, 10' Above Perm. Datum

Drilling Measured From: Kelly Bushing

Date: 4-10-81

Run No. One

Depth-Driller: 5,000'

Depth-Logger: 5,000'

Bottom Logged Interval: 5,000'

Top Logged Interval: Surface

Type Fluid in Hole: Water

Salinity: 2,000 ppm

Density: 8.5 lbs/gal

Level: Full

Max. Rec. Temp.: 500° F. @ 5,000'

Equipment & Location: 1 mile East of Geyser

Recorded By: Jones

Witnessed By: Smith

CASING RECORD			
	Size	Wgt.	Depth
Surface String	13 3/8"	54.5#	1,000'
Intermediate String	9 5/8"	40#	3,000'
Production String	7"	23#	5,000'
Liner			
Liner			

STRING DIMENSIONS	
	Size
Drill Pipe	4 1/2"
Drill Collars	6 1/4"
Bit	8 1/2"

MUD DATA	
Type	Water
Density	8.5 lbs/gal
Viscosity	28 sec
Fluid Loss	10 cc
pH	9.5
Source	Mud Pit
Resistivity	0.5 ohm-m @ 70° F.
Chlorides	2,000 ppm

LOGGING EQUIPMENT	
Run No.	One
Logging Unit No.	1
Logging Truck No.	1
Recorder No.	1
Depth Control No.	1
Caliper No.	1
Gamma Ray No.	1
Neutron No.	1
Density No.	1
Induction No.	1
Temperature No.	1
Sonic No.	1
Dipmeter No.	1
Other	

LOGGING SCHEDULE	
Run No.	One
Date	4-10-81
Time	0800
Depth-Driller	5,000'
Depth-Logger	5,000'
Bottom Logged Interval	5,000'
Top Logged Interval	Surface
Casing-Driller	7" @ 5,000'
Casing-Logger	7" @ 5,000'
Bit Size	6 1/4"
Type Fluid in Hole	Water
Density	8.5 lbs/gal
Viscosity	28 sec
Fluid Loss	10 cc
Source	Mud Pit
Resistivity	0.5 ohm-m @ 70° F.
Chlorides	2,000 ppm
Max. Rec. Temp.	500° F. @ 5,000'
Equipment & Location	1 mile East of Geyser
Recorded By	Jones
Witnessed By	Smith

RECORDED READINGS

	Run No.	Depth	Time
1	One	5,000'	0800
2			
3			
4			
5			

ABBREVIATIONS

BHT	Bottom Hole Temperature
CBL	Cement Bond Log
CCL	Casing Collar Locator
DIL	Dual Induction Log
GR	Gamma Ray
HDT	High Resolution Dipmeter
LDT	Litho-Density Tool
SNP	Sidewall Neutron Porosity
TDT	Thermal Decay Time

TRANS-PACIFIC GEOTHERMAL ESC 5A1A 4-10-81

Scale 1 : 600

Scale 1 : 240

Scale 1 : 120

Scale 1 : 60

Scale 1 : 24

Scale 1 : 12

Scale 1 : 6

Scale 1 : 2.4

Scale 1 : 1.2

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