



Santa Rosa, CA
 COMPANY: Calpine Corporation
 WELL: DV3 Redrill
 FIELD: Geysers
 COUNTY/STATE: Sonoma County, California
 WELL HEAD COORDINATES: E 1789603, N 402130
 ELEVATION: 2949' QL KB-30
 RIG ON DATE: 8/15/09
 TO DATE: 9/16/09
 TOTAL DEPTH: 7000'
 TRUE VERTICAL DEPTH: 6431'
 TO LOCATION: NS 2117.1' EW -76.5'
 CONTRACTOR/RIG: Kenai Rig #6
 COMPANY REPRESENTATIVE: Silva, Gamble

HOLE

10.625	10	7000
10	10	
10	10	
10	10	
10	10	

ABBREVIATIONS

MB	New Bit	CBT	Bottom Hole Temp	Wireline Log
RB	Re-run Bit	C	Casualty Test	Casing Shoe
CB	Core Bit	NR	No Returns	Steam/Water Entry
WOB	Weight On Bit	LAT	Lat Logged After Trip	Flow Interval
SPM	Strokes per Minute	CFM	Cubic Feet per Min	Deviation Survey
PP	Pump Pressure	BUT	Bottoms Up Temp	
RPM	Revolutions per Min			

LITHOLOGY

Argillite	Argillaceous Graywacke
Chert	Volcanic Graywacke
Phyllite	Siliceous Graywacke
Greenstone	Weak Foliation
Serpentine	Strong Foliation
Blueschist	Marginal Alteration
Felsite	Pervasive Alteration
Rhyolite	Weakly Hornfelsic
Clay	Strongly Hornfelsic
Lithic Graywacke	

CASING

22	FROM	10	TO	300
11.75	FROM	10	TO	1305
8.625	FROM	10	TO	1708
7	FROM	0	TO	1636
	FROM	0	TO	7000

SYMBOLS

□	Quartz	Trace	< 1%
□	Calcite	Rare	< 1%
□	Pyrite	Rare	< 1%
□	Episodic	Trace	1% to 4%
□	Pyrrhotite	Trace	1% to 4%
□	Pyrite	Abundant	7% to 10%
□	Chlorite	Abundant	7% to 10%
□	Actinolite	> 10%	
□	Tourmaline	> 10%	

LOG INTERVAL

DATE LOGGED: 8/15/09 TO 9/16/09
 DEPTH LOGGED: 1820' TO 2470'
 LOG DRILLING: 1820' TO 2470'
 AIR DRILLING: 2472' TO 7000'
 LOG SCALE: 1.600 UNIT: MD. C21

LOGGING GEOLOGISTS: Dunlap (RD), Schefflin (AS), Boschmann (DB), ter Meele (ETW)

