



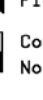

 Tecton Geologic	HOLE 30' TO 57' 26" TO 324' 20.5" TO 3,000' 14.75" TO 6,118' 10.625" TO 10,004' 8.5" TO 11,143'	CASING 22" FROM Surface TO 322' 16.125" FROM Surface TO 2,993' 13.375" FROM Surface TO 2,805' 11.75" FROM 2,805' TO 6,113' LINER 8.625" FROM 5,904' TO 10,004' 7" FROM 10,004' TO 11,115'
	ABBREVIATIONS NB New Bit BHT Bottom Hole Temp RRB Re-run Bit c Carbide Test CB Core Bit NR No Returns WOB Weight on Bit LAT Logged After Trip SPM Strokes per Minute CFM Cubic Feet per Min PP Pump Pressure BUT Bottoms Up Temp SFR Steam Flow Rate RPM Revolutions per Min	SYMBOLS  Wireline Log  Steam/Water Entry  Deviation Survey  Casing Shoe  Flow Test  Cored Interval No Recovery
COMPANY Calpine Corporation WELL NAME Prati State 32 Deepening FIELD The Geysers LEASE CPN Wild Horse Lease COUNTY Sonoma STATE California	LOG INTERVAL DATE LOGGED 8/15/10 TO 9/19/10 DEPTH LOGGED 9,600 TO 11,143' MUD DRILLING N/A TO N/A AIR DRILLING 9,600 TO 11,143' LOG SCALE 1:600 UNIT NO. C32 LOGGING GEOLOGISTS Andrew Schepflin (as), Jon Polard (jp), Joe Whearty (jw), Justin Everts (je)	REMARKS All depths from Kelly Bushing KB = 30' Calculated flow rate from C/NC = 83,800 lbs/hr on 9/15/10 H2S = 1355 ppm, NH3 = 550ppm Calculated flow rate from 4.5" orifice test = 85,700 lbs/hr @ 115 psig and 379 degF on 9/14/10 Drilling Breaks: 10538', 10560', 10610' STEAM ENTRIES Depth Init Sust None Observed 10,538' 1# 1# 11,000' 23# 23# WATER ENTRIES None Observed SECONDARY MINERALS Q = Quartz Rare << 1% C = Calcite Trace < 1% P = Pyrite Minor 1% to 4% E = Epidote Common 4% to 7% R = Pyroxene Abundant 7% to 10% Ch = Chlorite X = Apatite A = Actinolite T = Tourmaline

