
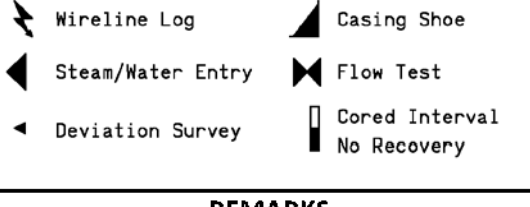
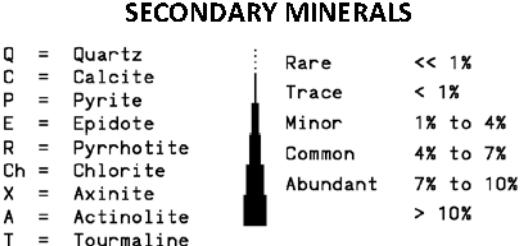
 Tecton Geologic	HOLE 8.5" TO 10034'		CASING 20" FROM Surface TO 290' 13.375" FROM Surface TO 2705' 10.75" FROM Surface TO 2503' 9.625" FROM 2425' TO 5702'	
	ABBREVIATIONS NB New Bit BHT Bottom Hole Temp RRB Re-run Bit c Carbide Test CB Core Bit NR No Returns WOB Weight on Bit LAT Logged After Trip PP Strokes per Minute CFM Cubic Feet per Min SPM Pump Pressure BUT Bottoms Up Temp RPM Revolutions per Min SFR Steam Flow Rate		LINER 7" FROM Surface TO 5528' 7" FROM 5507' TO 10000'	
LOG INTERVAL DATE LOGGED 8/2/10 TO 8/9/10 DEPTH LOGGED 9000' TO 10034' MUD DRILLING N/A TO N/A AIR DRILLING 9000' TO 10034' LOG SCALE 1:600 UNIT NO. C21		LITHOLOGY 		SYMBOLS 
LOGGING GEOLOGISTS Andrew Schepflin (as), Nate Bogie (nb), Charley Wahl (cw), Matt Dobbs (md), Kelly Richardson (kr)		REMARKS All depths from Kelly Bushing KB = 30' No entries observed below 9000' Calculated flow rate from C/NC = 56400 lbs/hr on 8/9/10 H2S = 1008 ppm NH3 = 900 ppm Drilling Breaks: 9602', 9277', 9501', 9516', 9631', 9657-9680', 9719', 9777'		SECONDARY MINERALS 
COMPANY Calpine Corporation WELL NAME Prati State 31 Deepening FIELD The Geysers: CPN Wild Horse Lease COUNTY Sonoma STATE California WELL HEAD COORDINATES 3920.6' S, 1045.8' E of NW corn of Sec 35, T12N, R9W N: 428,077.8', E: 1,762,126.5' ELEVATION 2116', GL RIG - DAY RATE START DATE 7/24/2010 TD DATE 8/9/2010 TOTAL DEPTH 10034' TRUE VERTICAL DEPTH 9611' TD LOCATION 1557' south and 1382' west of wellhead DRILLING CONTRACTOR Kenai Rig #3 COMPANY REPRESENTATIVES Steve Gamble, Randy Fulcher				

