



COMPANY Sierra Geothermal Power
 WELL 25-29
 FIELD Alum
 COUNTY/STATE Esmeralda/Nevada
 WELL HEAD COORDINATES 37.91N, 117.67W Sect29, T1N, R38, SE
 ELEVATION 4993.57'
 SPUD DATE 11/08/09
 TO DATE 11/23/09
 TOTAL DEPTH 3314'
 TRUE VERTICAL DEPTH 3297'
 TO LOCATION N/A
 CONTRACTOR/REP Ensign #561
 COMPANY REPRESENTATIVE Jerry Hamblin

LOG INTERVAL
 DATE LOGGED 11/08/09 TO 11/23/09
 MUD LOGGED 90' TO 3314'
 DEPTH DRILLING 90' TO 3314'
 AIR DRILLING TO
 LOG SCALE 1:600 UNIT NO. T1
 LOGGING GEOLOGISTS Lamont, Whearty, Everts

HOLE
 20" TO 577'
 14.75" TO 2300'
 9.875" TO 3314'

CASING
 16" FROM 0' TO 570'
 10.75" FROM 0' TO 2292'

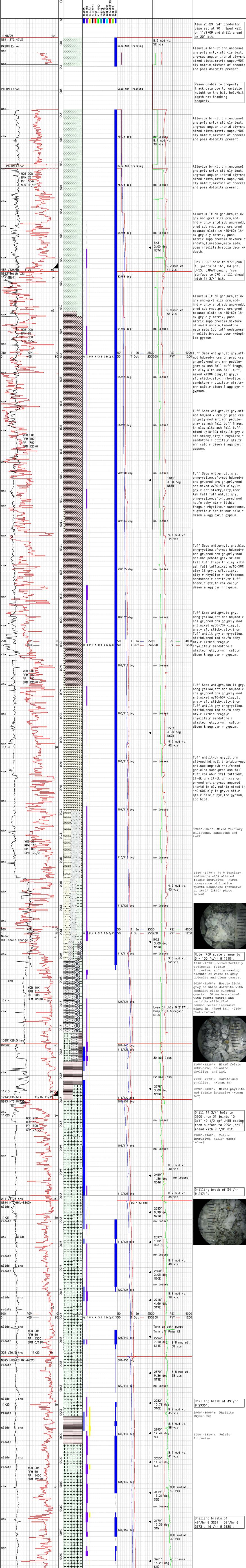
ABBREVIATIONS
 NB New Bit
 RRB Re-run Bit
 CB Core Bit
 WOB Weight On Bit
 SPM Strokes per Minute
 PP Pump Pressure
 RPM Revolutions per Min
 BHT Bottom Hole Temp
 C Carbide Test
 NR No Returns
 LAT Logged After Trip
 CFM Cubic Feet per Min
 BUT Bottoms Up Temp

SYMBOLS
 Wireline Log
 Steam/Water Entry
 Deviation Survey
 Casing Shoe
 Flow Test
 Core Interval
 No Recovery

LITHOLOGY
 Alluvium
 Siltstone
 Sandstone
 Conglomerate
 Phyllite
 Quartzite
 Quartz Veins
 Rhyolite
 felsic intrusive
 Tuff Seds
 Tuff
 Breccia
 Limestone
 Dolomite
 Marble
 Schist
 Undiff Carbonates
 Dike
 Altered Zone

REMARKS
 All depths from KB
 KB = 16'
 ml = Matthew Lamont
 jm = James Whearty
 je = Justin Everts
 TD well at 3314', plug and abandon.

SECONDARY MINERALS
 C = Quartz
 Q = Calcite
 P = Pyrite
 Pr = Pyrrhotite
 H = Hematite
 Cl = Clay
 S = Sulfur
 A = Alum (Alunite)
 Trace < 1%
 Rare < 1%
 Minor 1% to 4%
 Common 4% to 7%
 Abundant 7% to 10%
 > 10%



Alum 25-29, 24" conductor pipe set at 90'. Spud well on 11/8/09 and drill ahead w/ 20" bit.

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