



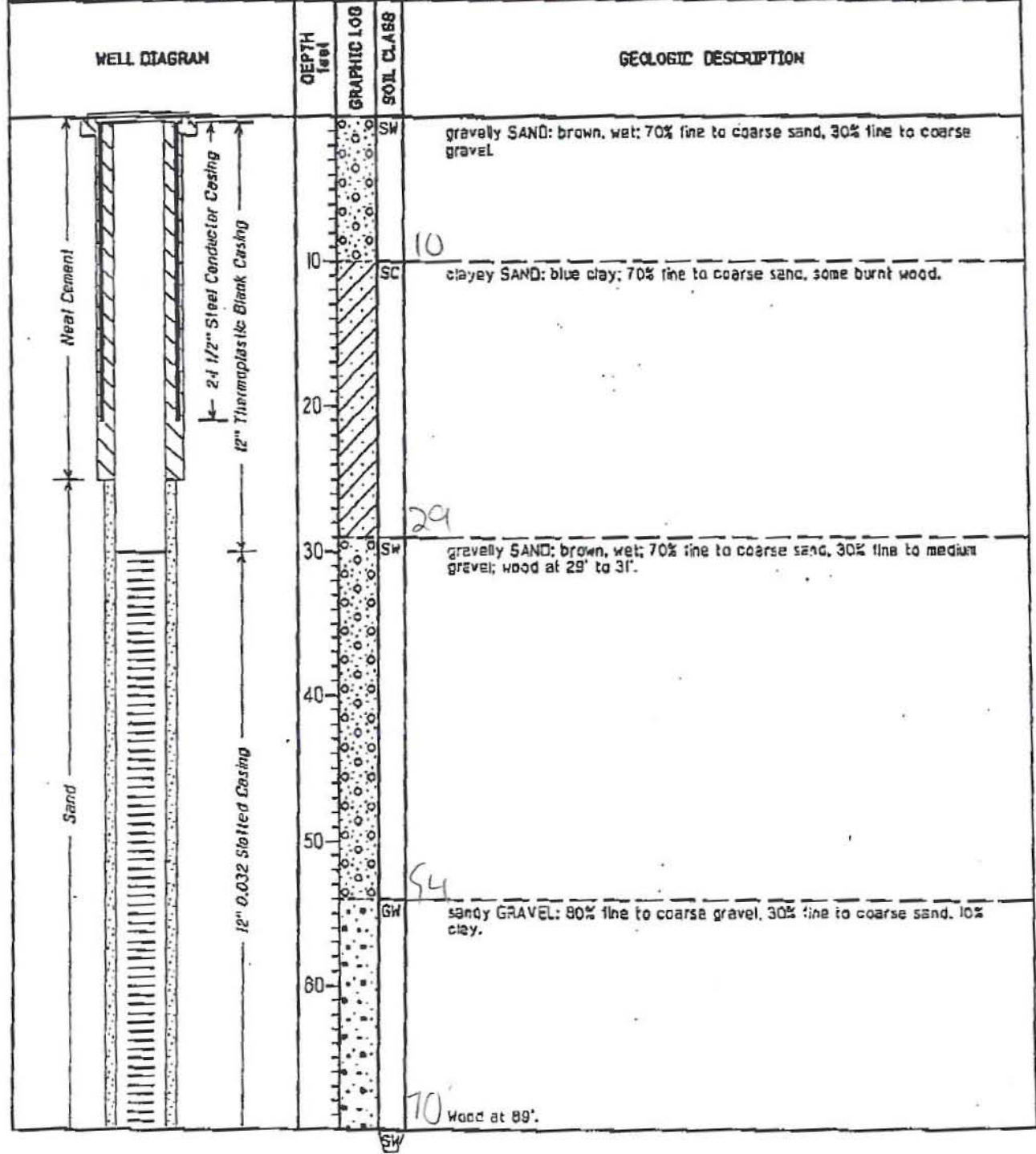
ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

LOG OF WELL 15N/21W3B

Page 1 of 2

SEE SITE PLAN

ALISTO PROJECT NO: 10-186-18	DATE DRILLED: 04/04/97
CLIENT: Pacific Gas and Electric	
LOCATION: Topock Compressor Station, Topock Arizona	
DRILLING METHOD: Mud Rotary, 19" Trilone	
DRILLING COMPANY: Howard Pumping	CASING ELEVATION: 460
LOGGED BY: Dan Birch	APPROVED BY: David Lipnicke



New ID for db G-15

PGE-9S



ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

LOG OF WELL 15N/21W3B

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SEE SITE PLAN

ALISTO PROJECT NO: 10-188-15

DATE DRILLED: 04/04/97

CLIENT: Pacific Gas and Electric

LOCATION: Topock Compressor Station, Topock Arizona

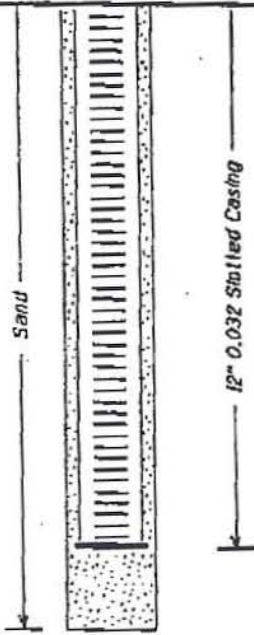

DRILLING METHOD: Mud Rotary, 19" Tritone

DRILLING COMPANY: Howard Pumping

CASING ELEVATION: 480

LOGGED BY: Dan Birch

APPROVED BY: David Lipnicke

WELL DIAGRAM	DEPTH feet	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
 <p>Sand</p> <p>12" 0.032 Slotted Casing</p>	<p>80</p> <p>90</p> <p>100</p> <p>110</p> <p>120</p> <p>130</p>		<p>SW</p>	<p>gravelly SAND: brown, wet: 70% fine to coarse sand, 30% fine to coarse gravel. color change to reddish-brown at 103'.</p> <p>Color change to reddish-brown at 103'.</p> <p>Fanglomerate bedrock, red, hard, chips in cuttings refusal of tricone at 104' to 104.5'.</p> <p>Well terminated at 104.5 feet.</p> <p>PGE - 9S</p>