GEOTHERMAL DATA LOG

Company GEOTHERMAL ENERGY PARTNERS LTD.

Well Name ASH-25 #5 GEOTHERMAL (Fig.)

Field BEYERS

County SONOMA State CALIFORNIA

Location NESW,S.HOBE'/4,W of SE CORNER SEC 4, T10N, R8W

Elevation 1058' KB/ 34 GR

Contractor/Rig NOTA #1

Spud Date 3/24/83 TD Date 3/29/83

TD 10,540' True Vertical Depth 10,711'

Bottom Hole Location 988 NS & 2108 EW

Well Status Producing

Company Representative JOHN BLOOM

LOGGED INTERVAL

Date Logged	3/31/83	to	3/29/83
Depth Logged	1 MGS'	to	10,540'
Mud Drilling	1 MGS'	to	1 MGS'
Air Drilling	1 MGS'	to	10,540'

Temperature (°F) Fresh Water Flow (Y/N) Hydrocarbons

Log Data 1 MGS Unit Number 347

Log Prepared By LEE SMART

JOHN BRENNEN

HOLE SIZE / CASING

26"/ in - 80'/ft - 20" wt. 106	
17.5"/ in - 4000' 12.38"/ft - 47#/ft	
12.25"/ in - 7800' 8.52"/ft - 7800/ft	
8.50"/ in - 10540'	
"/ in - "/ft - wt.	

STEAM ENTRIES

8170'	24.5"/ft	8227'	24.5"/ft
8600'	24.5"/ft	8614'	24.5"/ft
8727'	24.5"/ft	8807'	24.5"/ft
8811'	24.5"/ft	8888'	24.5"/ft
8938'	24.5"/ft	8954'	24.5"/ft
9015'	24.5"/ft	9040'	24.5"/ft
9064'	24.5"/ft	9081'	24.5"/ft
9092'	24.5"/ft	9095'	24.5"/ft
9098'	24.5"/ft	9101'	24.5"/ft
9102'	24.5"/ft	9105'	24.5"/ft
9107'	24.5"/ft	9110'	24.5"/ft
9112'	24.5"/ft	9116'	24.5"/ft
9117'	24.5"/ft	9120'	24.5"/ft
9122'	24.5"/ft	9126'	24.5"/ft
9127'	24.5"/ft	9130'	24.5"/ft
9132'	24.5"/ft	9135'	24.5"/ft
9137'	24.5"/ft	9140'	24.5"/ft
9142'	24.5"/ft	9145'	24.5"/ft
9147'	24.5"/ft	9150'	24.5"/ft
9152'	24.5"/ft	9155'	24.5"/ft
9157'	24.5"/ft	9160'	24.5"/ft
9162'	24.5"/ft	9165'	24.5"/ft
9167'	24.5"/ft	9170'	24.5"/ft
9172'	24.5"/ft	9175'	24.5"/ft
9177'	24.5"/ft	9180'	24.5"/ft
9182'	24.5"/ft	9185'	24.5"/ft
9187'	24.5"/ft	9190'	24.5"/ft
9192'	24.5"/ft	9195'	24.5"/ft
9197'	24.5"/ft	9200'	24.5"/ft
9202'	24.5"/ft	9205'	24.5"/ft
9207'	24.5"/ft	9210'	24.5"/ft
9212'	24.5"/ft	9215'	24.5"/ft
9217'	24.5"/ft	9220'	24.5"/ft
9222'	24.5"/ft	9225'	24.5"/ft
9227'	24.5"/ft	9230'	24.5"/ft
9232'	24.5"/ft	9235'	24.5"/ft
9237'	24.5"/ft	9240'	24.5"/ft
9242'	24.5"/ft	9245'	24.5"/ft
9247'	24.5"/ft	9250'	24.5"/ft
9252'	24.5"/ft	9255'	24.5"/ft
9257'	24.5"/ft	9260'	24.5"/ft
9262'	24.5"/ft	9265'	24.5"/ft
9267'	24.5"/ft	9270'	24.5"/ft
9272'	24.5"/ft	9275'	24.5"/ft
9277'	24.5"/ft	9280'	24.5"/ft
9282'	24.5"/ft	9285'	24.5"/ft
9287'	24.5"/ft	9290'	24.5"/ft
9292'	24.5"/ft	9295'	24.5"/ft
9297'	24.5"/ft	9300'	24.5"/ft
9302'	24.5"/ft	9305'	24.5"/ft
9307'	24.5"/ft	9310'	24.5"/ft
9312'	24.5"/ft	9315'	24.5"/ft
9317'	24.5"/ft	9320'	24.5"/ft
9322'	24.5"/ft	9325'	24.5"/ft
9327'	24.5"/ft	9330'	24.5"/ft
9332'	24.5"/ft	9335'	24.5"/ft
9337'	24.5"/ft	9340'	24.5"/ft
9342'	24.5"/ft	9345'	24.5"/ft
9347'	24.5"/ft	9350'	24.5"/ft
9352'	24.5"/ft	9355'	24.5"/ft
9357'	24.5"/ft	9360'	24.5"/ft
9362'	24.5"/ft	9365'	24.5"/ft
9367'	24.5"/ft	9370'	24.5"/ft
9372'	24.5"/ft	9375'	24.5"/ft
9377'	24.5"/ft	9380'	24.5"/ft
9382'	24.5"/ft	9385'	24.5"/ft
9387'	24.5"/ft	9390'	24.5"/ft
9392'	24.5"/ft	9395'	24.5"/ft
9397'	24.5"/ft	9400'	24.5"/ft
9402'	24.5"/ft	9405'	24.5"/ft
9407'	24.5"/ft	9410'	24.5"/ft
9412'	24.5"/ft	9415'	24.5"/ft
9417'	24.5"/ft	9420'	24.5"/ft
9422'	24.5"/ft	9425'	24.5"/ft
9427'	24.5"/ft	9430'	24.5"/ft
9432'	24.5"/ft	9435'	24.5"/ft
9437'	24.5"/ft	9440'	24.5"/ft
9442'	24.5"/ft	9445'	24.5"/ft
9447'	24.5"/ft	9450'	24.5"/ft
9452'	24.5"/ft	9455'	24.5"/ft
9457'	24.5"/ft	9460'	24.5"/ft
9462'	24.5"/ft	9465'	24.5"/ft
9467'	24.5"/ft	9470'	24.5"/ft
9472'	24.5"/ft	9475'	24.5"/ft
9477'	24.5"/ft	9480'	24.5"/ft
9482'	24.5"/ft	9485'	24.5"/ft
9487'	24.5"/ft	9490'	24.5"/ft
9492'	24.5"/ft	9495'	24.5"/ft
9497'	24.5"/ft	9500'	24.5"/ft
9502'	24.5"/ft	9505'	24.5"/ft
9507'	24.5"/ft	9510'	24.5"/ft
9512'	24.5"/ft	9515'	24.5"/ft
9517'	24.5"/ft	9520'	24.5"/ft
9522'	24.5"/ft	9525'	24.5"/ft
9527'	24.5"/ft	9530'	24.5"/ft
9532'	24.5"/ft	9535'	24.5"/ft
9537'	24.5"/ft	9540'	24.5"/ft
9542'	24.5"/ft	9545'	24.5"/ft
9547'	24.5"/ft	9550'	24.5"/ft
9552'	24.5"/ft	9555'	24.5"/ft
9557'	24.5"/ft	9560'	24.5"/ft
9562'	24.5"/ft	9565'	24.5"/ft
9567'	24.5"/ft	9570'	24.5"/ft
9572'	24.5"/ft	9575'	24.5"/ft
9577'	24.5"/ft	9580'	24.5"/ft
9582'	24.5"/ft	9585'	24.5"/ft
9587'	24.5"/ft	9590'	24.5"/ft
9592'	24.5"/ft	9595'	24.5"/ft
9597'	24.5"/ft	9600'	24.5"/ft
9602'	24.5"/ft	9605'	24.5"/ft
9607'	24.5"/ft	9610'	24.5"/ft
9612'	24.5"/ft	9615'	24.5"/ft
9617'	24.5"/ft	9620'	24.5"/ft
9622'	24.5"/ft	9625'	24.5"/ft
9627'	24.5"/ft	9630'	24.5"/ft
9632'	24.5"/ft	9635'	24.5"/ft
9637'	24.5"/ft	9640'	24.5"/ft
9642'	24.5"/ft	9645'	24.5"/ft
9647'	24.5"/ft	9650'	24.5"/ft
9652'	24.5"/ft	9655'	24.5"/ft
9657'	24.5"/ft	9660'	24.5"/ft
9662'	24.5"/ft	9665'	24.5"/ft
9667'	24.5"/ft	9670'	24.5"/ft
9672'	24.5"/ft	9675'	24.5"/ft
9677'	24.5"/ft	9680'	24.5"/ft
9682'	24.5"/ft	9685'	24.5"/ft
9687'	24.5"/ft	9690'	24.5"/ft
9692'	24.5"/ft	9695'	24.5"/ft
9697'	24.5"/ft	9700'	24.5"/ft
9702'	24.5"/ft	9705'	24.5"/ft
9707'	24.5"/ft	9710'	24.5"/ft
9712'	24.5"/ft	9715'	24.5"/ft
9717'	24.5"/ft	9720'	24.5"/ft
9722'	24.5"/ft	9725'	24.5"/ft
9727'	24.5"/ft	9730'	24.5"/ft
9732'	24.5"/ft	9735'	24.5"/ft
9737'	24.5"/ft	9740'	24.5"/ft
9742'	24.5"/ft	9745'	24.5"/ft
9747'	24.5"/ft	9750'	24.5"/ft
9752'	24.5"/ft	9755'	24.5"/ft
9757'	24.5"/ft	9760'	24.5"/ft
9762'	24.5"/ft	9765'	24.5"/ft
9767'	24.5"/ft	9770'	24.5"/ft
9772'	24.5"/ft	9775'	24.5"/ft
9777'	24.5"/ft	9780'	24.5"/ft
9782'	24.5"/ft	9785'	24.5"/ft
9787'	24.5"/ft	9790'	24.5"/ft
9792'	24.5"/ft	9795'	24.5"/ft
9797'	24.5"/ft	9800'	24.5"/ft
9802'	24.5"/ft	9805'	24.5"/ft
9807'	24.5"/ft	9810'	24.5"/ft
9812'	24.5"/ft	9815'	24.5"/ft
9817'	24.5"/ft	9820'	24.5"/ft
9822'	24.5"/ft	9825'	24.5"/ft
9827'	24.5"/ft	9830'	24.5"/ft
9832'	24.5"/ft	9835'	24.5"/ft
9837'	24.5"/ft	9840'	24.5"/ft
9842'	24.5"/ft	9845'	24.5"/ft
9847'	24.5"/ft	9850'	24.5"/ft
9852'	24.5"/ft	9855'	24.5"/ft
9857'	24.5"/ft	9860'	24.5"/ft
9862'	24.5"/ft	9865'	24.5"/ft
9867'	24.5"/ft	9870'	24.5"/ft
9872'	24.5"/ft	9875'	24.5"/ft
9877'	24.5"/ft	9880'	24.5"/ft
9882'	24.5"/ft	9885'	24.5"/ft
9887'	24.5"/ft	9890'	24.5"/ft
9892'	24.5"/ft	9895'	24.5"/ft
9897'	24.5"/ft	9900'	24.5"/ft
9902'	24.5"/ft	9905'	24.5"/ft
9907'	24.5"/ft	9910'	24.5"/ft
9912'	24.5"/ft	9915'	24.5"/ft
9917'	24.5"/ft	9920'	24.5"/ft
9922'	24.5"/ft	9925'	24.5"/ft
9927'	24.5"/ft	9930'	24.5"/ft
9932'	24.5"/ft	9935'	24.5"/ft
9937'	24.5"/ft	9940'	24.5"/ft
9942'	24.5"/ft	9945'	24.5"/ft
9947'	24.5"/ft	9950'	24.5"/ft
9952'	24.5"/ft	9955'	24.5"/ft
9957'	24.5"/ft	9960'	24.5"/ft
9962'	24.5"/ft	9965'	24.5"/ft
9967'	24.5"/ft	9970'	24.5"/ft
9972'	24.5"/ft	9975'	24.5"/ft
9977'	24.5"/ft	9980'	24.5"/ft
9982'	24.5"/ft	9985'	24.5"/ft
9987'	24.5"/ft	9990'	24.5"/ft
9992'	24.5"/ft	9995'	24.5"/ft
9997'	24.5"/ft	9999'	24.5"/ft
9999'	24.5"/ft	10000'	24.5"/ft
10000'	24.5"/ft	10010'	24.5"/ft
10010'	24.5"/ft	10020'	24.5"/ft
10020'	24.5"/ft	10030'	24.5"/ft
10030'	24.5"/ft	10040'	24.5"/ft
10040'	24.5"/ft	10050'	24.5"/ft
10050'	24.5"/ft	10060'	24.5"/ft
10060'	24.5"/ft	10070'	24.5"/ft
10070'	24.5"/ft	10080'	24.5"/ft
10080'	24.5"/ft	10090'	24.5"/ft
10090'	24.5"/ft	10100'	24.5"/ft
10100'	24.5"/ft	10110'	24.5"/ft
10110'	24.5"/ft	10120'	24.5"/ft
10120'	24.5"/ft	10130'	24.5"/ft
10130'	24.5"/ft	10140'	24.5"/ft
10140'	24.5"/ft	10150'	24.5"/ft
10150'	24.5"/ft	10160'	24.5"/ft
10160'	24.5"/ft	10170'	24.5"/ft
10170'	24.5"/ft	10180'	24.5"/ft
10180'	24.5"/ft	10190'	24.5"/ft
10190'	24.5"/ft	10200'	24.5"/ft
10200'	24.5"/ft	10210'	24.5"/ft
10210'	24.5"/ft	10220'	24.5"/ft
10220'	24.5"/ft	10230'	24.5"/ft
10230'	24.5"/ft	10240'	24.5"/ft
10240'	24.5"/ft	10250'	24.5"/ft
10250'	24.5"/ft	10260'	24.5"/ft
10260'	24.5"/ft	10270'	24.5"/ft
10270'	24.5"/ft	10280'	24.5"/ft
10280'	24.5"/ft	10290'	24.5"/ft
10290'	24.5"/ft	10300'	24.5"/ft
10300'	24.5"/ft	10310'	24.5"/ft
10310'	24.5"/ft	10320'	24.5"/ft
10320'	24.5"/ft	10330'	24.5"/ft
10330'	24.5"/ft	10340'	24.5"/ft
10340'	24.5"/ft	10350'	24.5"/ft
10350'	24.5"/ft	10360'	24.5"/ft
10360'	24.5"/ft	10370'	24.5"/ft
10370'	24.5"/ft	10380'	24.5"/ft
10380'	24.5"/ft	10390'	24.5"/ft
10390'	24.5"/ft	10400'	24.5"/ft
10400'	24.5"/ft	10410'	24.5"/ft
10410'	24.5"/ft	10420'	24.5"/ft
10420'	24.5"/ft	10430'	24.5"/ft
10430'	24.5"/ft	10440'	24.5"/ft
10440'	24.5"/ft	10450'	24.5"/ft
10450'	24.5"/ft	10460'	24.5"/ft
10460'	24.5"/ft	10470'	24.5"/ft
10470'	24.5"/ft	10480'	24.5"/ft
10480'	24.5"/ft	10490'	24.5"/ft
10490'	24.5"/ft	10500'	24.5"/ft
10500'	24.5"/ft	10510'	24.5"/ft
10510'	24.5"/ft	10520'	24.5"/ft
10520'	24.5"/ft	10530'	24.5"/ft
10530'	24.5"/ft	10540'	24.5"/ft

LITHOLOGY SYMBOLS

Clay, Siltstone, Claystone, Shale, Sandstone, Conglomerate, Chert, Dolomite, Limestone, Granite, Quartz, Porphyritic Igneous, Granodiorite, Diorite, Gneiss, Schist, Quartz Diorite, Tonalite

LOG SYMBOLS

Casing Shoe, Drillstriking Gas, Spread Indicator, No Recovery

SECONDARY MINERALS

a - Quartz
b - Calcite
c - Chlorite
d - Albite
e - Epidote
f - Pyrite
g - Hematite
h - Chlorite

Cores: 1 - 10 CB
Tests: 1 - 10 DST
Samples: CB 1-10 T-B
Cuttings: 1 - 10 T-B

ABBREVIATIONS

GR Gamma Ray Log
SP Spontaneous Potential
DIL Induction Log
CNL Compensated Neutron Log
FDC Formation Density Log
CBL Cement Bond Log
VDL Variable Density Log
TDT Thermal Decay Time Log

GEOTHERMAL DATA LOG

Geothermal Energy Partners/Geotherm/ASH-25 #5 ST

Scale 1:600

Depth	Lithology	Log Data	Temperature Out	Drilling Data	Mud Analysis	Description, Notes
7170'						
7180'						
7190'						
7200'						
7210'						
7220'						
7230'						
7240'						
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