GL04424-3

SUN WELL LOGGING, INC.

1645 Court Pl.
Denver, Colo. 80202

COMPANY: GEOTHERMAL POWER CORP	COUNTY: BEAVER	STATE: UTAH	ENGINEER: MERLE ARD
WELL: GPC NO. 15	ELEVATION: 5535		REMARKS:
LOCATION: SECTION 18, 27S, 9W	DATE LOGGED: 7-12-78 TO 7-25-78		UNIT #

WT, VIS, WL, FC, PH, CL, OIL

POROSITY Ø: FAIR, GOOD

SANDSTONE, SILTSTONE, SHALE, LIMESTONE, DOLOMITE, ANHYDRITE/GYP, CHERT

OIL FLUORESCENCE & LEACH: FAIR, GOOD

METHANE C1, ETHANE C2, PROPANE C3, BUTANES C4

NB - NEW BIT; NCB - NEW CORE BIT; CO - CIRCULATED OUT; DST - DRILL STEM TEST; LAT - LOGGED AFTER TRIP

MUD DATA & RIG MECH.	DRILLING RATE MIN./FT. (2, 4, 6)	CORE / DST / DEPTH	POROSITY	LITHOLOGY	OIL FLUO	LEACH	FORMATION DESCRIPTION	CUTTING GAS	HOT WIRE GAS ANALYSIS / CHROMATOGRAPHIC MOL % (HW 10 20 30 40 50; CHROMATOGRAPH X 100)

BEGAN LOGGING ONE-MAN UNIT 7-12-78

7-12-78
7-13-78

NO DRILL RATE RECORDED

WOB 25,000
RPM 50
PSI 300

Depth marks: 20, 40, 60, 80

Formation descriptions (in order down the log):

- VOLCANICS - PRED WHT FELDSPARS QTZ W/ ABUN DK ACC MINERALS
- VOLCANICS - WHT FELDSPARS, QTZ W/ ABUN DK ACC MINERALS
- VOLCANICS - A/A QTZ - MLKY FRSTD ANG-SUB ANG
- VOLCANICS - WHT FELDSPARS, QTZ W/ ABUND DK ACC MINERALS
- VOLCANICS - PRED QTZ - MLKY, FRSTD ANG-SUB ANG, BCMG SL GRANITIC WHT FELDSPARS, ABUN DK ACC MINERALS
- VOLCANICS - A/A
- VOLCANICS - WHT FELDSPAR, QTZ, W/ ABUN DK ACC MINERALS
- VOLCANICS - A/A
- VOLCANICS - PRED QTZ - MLKY FRSTD, ANG-SUB ANG, BCMG SL GRANITIC I.P. WHT FELDSPARS W/DECR DK ACC MINERALS — MUD TEMP IN 87 OUT 90
- VOLCANICS - A/A
- VOLCANICS - A/A
- VOLCANICS - PRED QTZ - MLKY, FRSTD ANG-SUB ANG SL GRANITIC WHT FELDSPARS W/DECR DK ACC MINERALS SL TR PYR INCL — MUD TEMP IN 87 OUT 90
- VOLCANICS - A/A
- VOLCANICS A/A
- VOLCANICS - PRED QTZ MLKY, FRSTD, ANG-SUB ANG SL GRANITIC WHT FELDSPARS TR DK ACC MINERALS TR PYR TR MICA — MUD TEMP IN 82 OUT 87
- VOLCANICS - A/A
- VOLCANICS - WHT FELDSPARS, QTZ, W/ ABUN DK ACC MINERALS TR MICA TR PYR QTZ - FRSTD, MLKY, ANG-SUB ANG — MUD TEMP IN 82 OUT 87
- VOLCANICS - A/A
- NO CHANGE IN LITHOLOGY
- VOLCANICS - A/A
- VOLCANICS A/A — MUD TEMP IN 86 OUT 90
- VOLCANICS - QTZ, MLKY-FRSTD, ANG-SUB ANG SL GRANITIC ABUN WHT FELDSPARS
- VOLCANICS - QTZ, MLKY - FRSTD ANG-SUB ANG SL GRANITIC WHT FELDSPAR W/ ABUN DK ACC MINERALS SL TR PYR TR MICA
- VOLCANICS - A/A
- VOLCANICS - A/A INCR QTZ - MLKY FRSTD, ANG-SUB ANG TR PYR — MUD TEMP IN [illegible] OUT 89
- VOLCANICS - A/A
- VOLCANICS - A/A
- NO CHANGE IN LITHOLOGY — MUD TEMP IN 82 OUT 89
- VOLCANICS - PRED QTZ - MLKY, FRSTD, UNCOS, ANG-SUB ANG GRANITIC WHT FELDSPARS DK ACC MINERALS
- VOLCANICS - A/A
- VOLCANICS - WHT FELDSPARS, QTZ FRSTD, ANG-SUB ANG, GRANITIC I.P. ABUN DK ACC MINERALS TR MICA
- VOLCANICS - A/A — MUD TEMP IN 82 OUT 89
- NO CHANGE IN LITHOLOGY
- VOLCANICS - WHT FELDSPARS, QTZ - FRSTD, ANG-SUB ANG GRANITIC DK ACC MINERALS
- VOLCANICS - A/A
- VOLCANICS - A/A
- NO CHANGE IN LITHOLOGY
- VOLCANICS - A/A — MUD TEMP IN 91 OUT 96
- VOLCANICS - PRED WHT FELDSPARS, QTZ - FRSTD, MLKY UNCOS, ANG GRANITIC, ABUND DK ACC MINERALS — MUD TEMP IN 91 OUT 97
- VOLCANICS - A/A
- VOLCANICS - PRED WHT FELDSPARS QTZ - FRSTD, MLKY UNCOS, ANG-SUB ANG, GRANITIC I.P. TR PYR DK ACC MINERALS — MUD TEMP IN 92 OUT 98
- VOLCANICS - A/A
- VOLCANICS - A/A
- VOLCANICS - PRED WHT FELDSPARS QTZ - FRSTD, MLKY UNCOS, ANG-SUB ANG, SL PYR SL GRANITIC DECR DK ACC MINERALS — MUD TEMP IN 92 OUT 98
- MUD TEMP IN 92 OUT 99
- VOLCANICS - A/A — MUD TEMP IN 92 OUT 100
- VOLCANICS - PRED WHT FELDSPARS QTZ - FRSTD, MLKY UNCOS, ANG-SUB ANG, SL PYR SL GRANITIC W/ DK ACC MINERALS — MUD TEMP IN 92 OUT 100
- VOLCANICS - A/A

UNIT RELEASED 7-25-[illegible]