

DEEP TEMPERATURE GRADIENT HOLE INSPECTION FORM

STATE DEPARTMENT OF GEOLOGY  
AND MINERAL INDUSTRIES  
1069 STATE OFFICE BUILDING  
PORTLAND, OREGON 97201

GEO THERMAL WELL

Lease or Permit No. 66 Well No. & Name ZIG ZAG No 1

SW 1/4 NW 1/4 Sec. 14, T. 3S, R. 8E, WM M. Area Kiawanis Camp

County Clackamas State Oregon

Operator or Permittee NW NATURAL GAS CO

Contractor AMERICAN DEEP DRILLING (SKYLES DRILLING - OREGON CITY)

Type and Model Rig CYCLONE TH 100 - depth capacity 2500'

Casing -

Type 8" Water Well Size 1 1/4" wall Date Set 6/13/79 Amount 200'

No. of Sacks Used 100 sax Returns to Surface? Yes

Blowout Preventer -

Type \_\_\_\_\_ Date Tested & Witnessed \_\_\_\_\_

Tested Pressure \_\_\_\_\_ psi Time Interval \_\_\_\_\_ minutes Kill Line \_\_\_\_\_

Slowdown Line \_\_\_\_\_ "Cement" Value \_\_\_\_\_

Mud Pit -

Type \_\_\_\_\_ Size \_\_\_\_\_ Type of Mud \_\_\_\_\_

Measurement of Flow Line Temperature -

Temperature In \_\_\_\_\_ Temperature Out \_\_\_\_\_ If drilling with

Air then bottom hole temperature \_\_\_\_\_

Safe Operation \_\_\_\_\_ Housekeeping \_\_\_\_\_

Remarks (Continue on back if necessary) Some water at 40', cemented off, intrusive @ 35'

Contractor Representative \_\_\_\_\_ Title \_\_\_\_\_

Operator Representative \_\_\_\_\_ Title \_\_\_\_\_

USGS Representative \_\_\_\_\_ Title \_\_\_\_\_

Date of Inspection \_\_\_\_\_