DEEP TEMPERATURE GRADIENT HOLE INSPECTION - OR

Lease or Permit No. 02-050-3 Well No. & Name WELL NO. 1

SW 1/4 NE 1/4 Sec. 33, T. 23S, R. 23E, WM M. Area GLASS BUTTE

County LAKE State OREGON

Operator or Permitee PHILLIPS PETROLEUM CO

Contractor BURT DRILLING CO., MAPLETON, UTAH

Type and Model Rig KOEHRING SPEEDSTAR SS-22 (ROTARY)

Casing -

Type 20# K-55 Size 2" Date Set 12/9/77 Amount 162'

No. of Sacks Used 65 SX Returns to Surface? GOOD RETURNS

Flowout Preventer -

Type SHAFFER SINGLE GATE Date Tested & Witnessed 12/11/77

Tested Pressure 325 psi Time Interval 10 minutes Kill Line BULL PLUG

Flowdown Line 2" "Cement" Value PORTLAND CONCRETE GRADE

and Pit -

Type OG Type of Mud GEL MUD

Measurement of Flow Line Temperature -

Temperature In Temperature Out If drilling with

Air then bottom hole temperature

Safe Operation X Housekeeping GOOD

Remarks (Continue on back if necessary) BOP - HYDRAULIC & MANUAL;

USING 2 7/8" DRILL TUBING & 4 1/4" DRILL COLLARS

Contractor Representative ___________________________ Title ___________________________

Operator Representative JOE BOWDEN Title DRILL SUPERINTENDENT

U.S.G.S. Representative DENNIS DAVIS (PRINEVILLE) Title GEOLOGIST

Date of Inspection 12/11/77