

DEEP TEMPERATURE GRADIENT HOLE INSPECTION FORM

STATE PERMIT # 22

Lease or Permit No. \_\_\_\_\_ Well No. & Name HIGH ROCK THERMAL GRAD. HOLE #8

NE 1/4 NE 1/4 Sec. 29, T. 6S, R. 7E, WM M. Area AUSTIN HS -

County CLACKAMAS State OREGON

Operator or Permittee SUNOCO ENERGY DEVELOPMENT CO

Contractor SKYLES DRILLING Co, OREGON CITY

Type and Model Rig INGERSOLL RAND, CYCLONE TH-100 (3,200')

Casing -

Type 0.25 WALL Size 8 7/8" Date Set 2/1/78 Amount 154'

No. of Sacks Used 52 Returns to Surface? NO - Outside Job 3/4"

Blowout Preventer -

Pipe hung @ 40' Pump in 9 sack.

Type IRAGAN-TORUS (BAG) Date Tested & Witnessed JAN 30 1978

Tested Pressure 250 psi Time Interval 15 minutes Kill Line YES

Blowdown Line No "Cement" Value \_\_\_\_\_

Mud Pit -

Type SELF CONTAINED Size 7' X 14' Type of Mud AIR DRILLING, WILL USE GEL MUD IF NECESSARY

Measurement of Flow Line Temperature -

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

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

Safe Operation YES Housekeeping GOOD

Remarks (Continue on back if necessary) REPAIR PACKING IN DRILLING

SWIVEL, LEAKED AT 250 PSI slowly, HELD 200 PSI

Contractor representative DR. SKYLES DRILLING Title DRILLER

Operator representative DAVE LLOYD Title PROJ GEOLOGIST

DGS Representative VERN NEWTON - DOGAMI Title PETROL ENGINEER

Date of Inspection JAN 30 1978

6 1/4" AIR HAMMER BELOW SHOE OF 8 7/8"  
7 7/8" HOLE TO 490' NO SIGNIFICANT WATER  
ZONES TO 490'. HOLE FAIRLY WARM TO 490'.

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NOTED - C. WASSINGER

STATE PERMIT #20

Lease or Permit No. \_\_\_\_\_ Well No. & Name 1143001 Thermal ER 101 #3

NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 29, T. 6S, R. 1E, W. M. Area Asotin HS

County Clackamas State Oregon

Operator or Permittee Summa Energy Development Co

Contractor Skyles Drilling Co, Oregon City

Type and Model Rig Jungersoll Band Cyclone 7000

Casing -

Type 20" Size 8 7/8 Date Set 2/1/78 Amount 154'

No. of Sacks Used 52 Returns to Surface? No Pumped cement around pipe down the slip

Blowout Preventer -

Type Reagan Torco Date Tested & Witnessed 1/30/78

Tested Pressure 250 psi Time Interval 15 minutes Kill Line Yes

Blowdown Line No

Mud Pit -

Type solid Size 7' x 11' Type of Mud air & gel mud

Measurement of Flow Line Temperature -

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

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

Safe Operation Yes Housekeeping Good

Remarks (Continue on back if necessary) Broken down Hydraulic lift

broken lifting in parts from back seat

Contractor Representative Skyles Title Driller

Operator Representative Frank Lloyd Title Geologist

USGS Representative Tom H. Hession Title Dist Super

Date of Inspection 2/14/78

15.1046' 6.49' hole No hole problems!