HORIZON
WELL LOGGING

COMPANY	INTERIM RESOURCES NORTHWEST
WELL	Bunn (3-1-1-2) (Wormwood)
LOCATION	2310 FSL, 2310 FEL, Sec 2 T 1N R 2E Corner of Section 11, 2N4, R1W W.M.M.
ELEVATION	G.L. 575.1' K.B. 575.1'
FIELD	Wildcat
COUNTY	Columbia County, Oregon
API NUMBER	36-009-00024
SPUD DATE	June 4, 1994
LOGGING DATES	June 6 to June 11, 1994
LOGGED DEPTHS	147 to 2170'
GEOLOGIST	Dave Meagher
COMPANY MAN	Jim Bunn
CONTRACTOR	Cable Drilling
RIG	#1
LOGGING GEOLOGISTS	Jim Kaczor Rick Stoss
BIT SIZE	9.5/8" to 147' 6.1/2" to 2170'
CASING	20" to 1' (est) 9.5/8" to 147' (Cable Florida Tool Co.)
MUD	Fresh Water Polymer Gel Mud (@ 1200')

ABBREVIATIONS

CG	Connection Gas
LWT	Logged After Trip
LWC	Logged After Survey
CG	Connection Gas
BG	Background Gas
WG	Water Gas
TG	Trip Gas
SG	Survey Gas
MW	Mudger Mud
CONE	CONE INTERVAL
MDB	MDB (CDC PULL BELOW)
TWOW	TWOW

SYMBOLS

PEBBLES 10MM
SAND
SANDSTONE
SILTSTONE
MUDSTONE
SHALE
MARL
CLAY
CHERT
LIGNITE
LIMESTONE
VOLCANICS
TUFF
BASALT

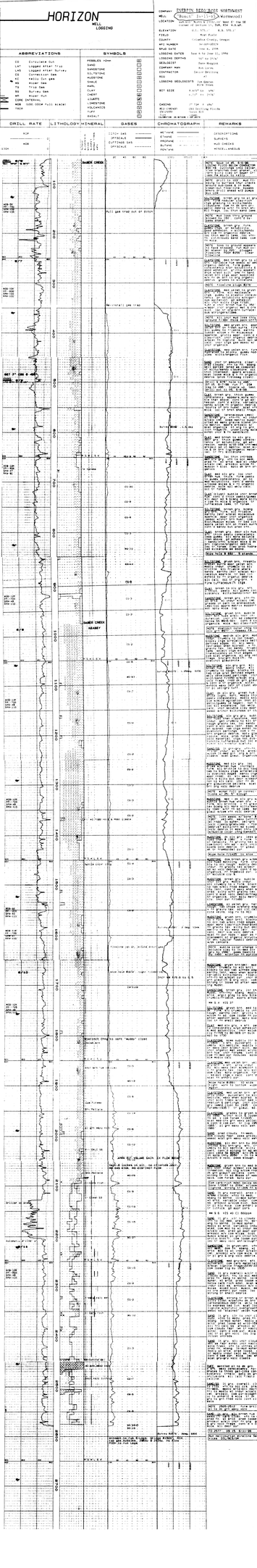
DRILL RATE | LITHOLOGY | MINERAL | GASES | CHROMATOGRAPH | REMARKS

MIN
HOR
10TH

10TH GAS
OFFSCALE
CUTTINGS GAS
OFFSCALE

METHANE
ETHANE
PROPANE
BUTANE
PENTANE

DESCRIPTIONS
SUMMARIES
MUD CHECKS
MISCELLANEOUS


SAMER CREEK
SAMER CREEK "KANNY"
MUD GAS TRAP OUT OF DITCH
PRE-TRIP GAS TRAP
BUTANE PEAK - 1.5% GAS
BUTANE PEAK - 2.0% GAS
BUTANE PEAK - 2.0% GAS
BUTANE PEAK - 2.0