JOHN HANCOCK 32-27-54 (Giuseppe)

HORIZON
MELL LOGGING

711 ST. Andrews Way
Lompoc, California 93436
(805) 733-0672

COMPANY	ENERFIN RESOURCES NORTHWEST
WELL	J.H. 32-27-54 (Giuseppe)
LOCATION	1532' S & 1387' W /NE corner Sec. 27, Tbn. 54n. w & 5n
ELEVATION	GL 1035 KB 1045
FIELD	Mist
COUNTY	Columbia Oregon
SPUD DATE	November 01, 1998
LOGGING DATES	Nov. 01 to Nov. 06, 1998
OPERATOR	Enerfin Resources Northwest
GEOLOGIST	Dave Huggins
DRILL REP	Rob Lucas/Production Specialists
CONTRACTOR	Taylor Drilling Inc
RIG	#7
MUD COMPANY	NED Drilling Fluids
MUD TYPE	Gel/Polymer-KCL
LOGGING GEOLOGIST	Jim Gaines, Joe Galzo
BIT SIZE	9 875 in to 523 6 25 in to 2212
CASING	12 00 in to 30' 7 00 in to 522'

CALIBRATION: 25 DEVIATIONS = 100 UNITS

ABBREVIATIONS

CO	Circulate Out
LAT	Logged After Trip
CG	Connection Gas
WG	Wiper Gas
TG	Trip Gas
SG	Survey Gas
NR	No Returns
NB	New Bit
WR	Wiper Run
CORE INTERVAL	
NOR	(100.00CM full scale)
PP	Pump pressure
SPM	Strokes per minute

SYMBOLS

PEBBLES +2MM
SAND
SANDSTONE
SILTSTONE
MUDSTONE
SHALE
MARL
CLAY
LIGNITE
DOLOSTONE
LIMESTONE
VOLCANICS
TUFF
BASALT

DRILL RATE

MIN/M
30C
NOR
100K

LITH

MINERAL

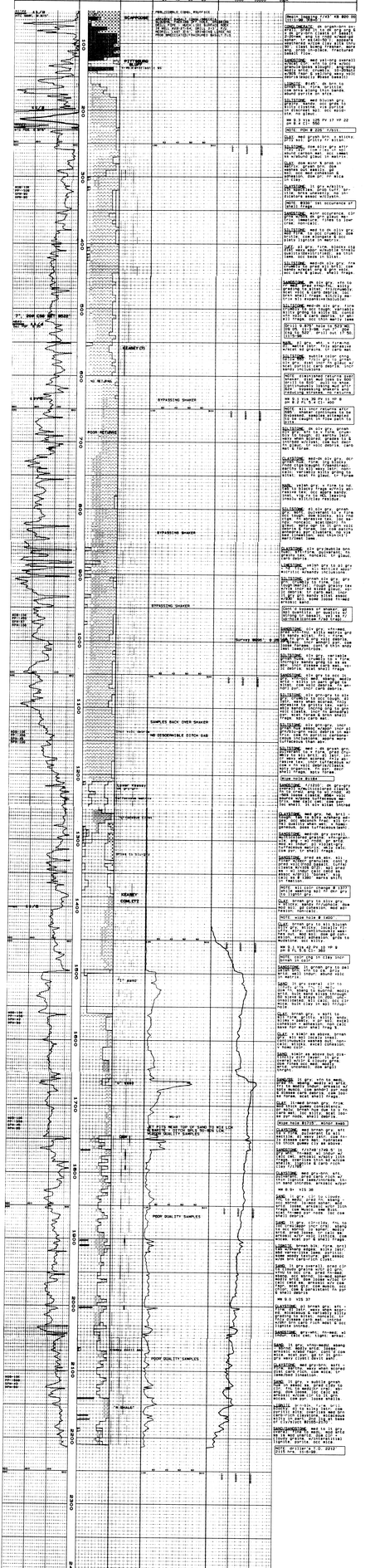
Fluorescence
Cut Fluorescence
Residual Fluorescence

GASES

DITCH GAS
OFFSCALE
CUTTINGS GAS
OFFSCALE

CHROMATOGRAPH

METHANE
ETHANE
PROPANE
BUTANE
PENTANE

REMARKS

DESCRIPTIONS
SURVEYS
MUD CHECKS
MISCELLANEOUS