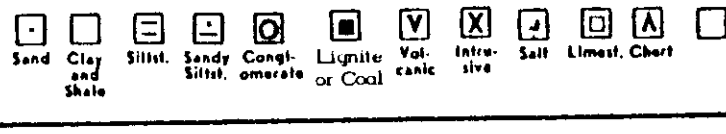


WELL CROWN ZELLERBACH 30-33
 COMPANY AMERICAN QUASAR PETROLEUM CO.
 AREA MIST NEHALEM BASIN
 LOCATION 149°N & 2179'W OF SE CORN
 SEC. 30; T6N; R4W WE&M
 COUNTY, STATE COLUMBIA, OREGON

DUPLICATE WESTERN GEO-ENGINEERS
 "A SERVICE TO THE OIL AND GAS INDUSTRY"

LITHOLOGY SYMBOLS



REMARKS

WELL ELEV. GL. 632.4'
 KB. 642.9'
 SALINITY IN PPM CL-
 FILTRATE IN CC/30 MIN.
 GAS TRAP AGITATOR TYPE
 MUD LICENSURE (C&OIC)

PAUL GRABER 516-1

CASING

7" TO 525'
 TO
 TO

MUD DATA

W WEIGHT
 V VISCOSITY
 F FILTRATE
 FC FILTER CAKE
 SD SAND IN %

LEGEND

S SALINITY
 R RESISTIVITY
 RF FILTRATE RESISTIVITY

BIT DATA
 NB NEW BIT
 RRB RERUN BIT

OTHER DATA

TG TRIP GAS
 CG CONNECTION GAS
 C CARBIDE GAS

CIRCULE RETURNS

NR NO RETURN
 DST DRILL STEM TEST
 DST INTERVAL
] CORE INTERVAL

DATE 10/22/60 to 10/25/60

DEPTH 35' to 250'

ENGINEERS THOMAS BUTLER ARMSTRONG

