



BOND CEMENT AND OR SONIC SEISMOGRAM LOG
GAMMA RAY

FILE NO. _____
R8C-6R-55-476
COMPANY KOCH EXPLORATION COMPANY
WELL WINTER FLATS FEDERAL 1-10-99

COUNTY MESA STATE COLORADO
LOCATION NM - SA
1593 FSL & 1731 INL
SEC. 10 TWP. 9S RGE. 99W
ELEVATION 6177'
PERMANENT DATUM 6177'
DRILLING MEASURED FROM OF 6177'
DATE 4-29-82

DEPTH - DRILLER 7158'
DEPTH - LOGGER 7158'
BOTTOM LOGGED INTERVAL 7158' - 5750'
BOTTOM LOGGED INTERVAL 7158' - 5750'
DENSITY LOG (GAL) 5.2 KCL
DENSITY PPM (GAL) 0.0
MAX. REG. TANK DEG. F. 2-1/2 HSS.
RECORDED BY HJC, J. MARCO
REVIEWED BY _____
RUN NO. 1
BIT 7158' TO 5750'
BONE HOLE RECORD 4.1/2" - 2959'
CASINO RECORD 0' TO 3100'
T.D. 3100'

COGCC doc # 2597181

DATE RECORDED 4-29-82
TIME STARTED 9:45 AM
TIME FINISHED 12:15 PM
LOGGED INTERVAL 7158' - 5750'
LOGGED CEMENT TOP 5964'

CEMENTING DATA
SQUEEZE NO. 1
SQUEEZE NO. 2
SQUEEZE NO. 3

DATE AND TIME (HRS.)
SETTING TIME (HRS.)
TYPE CEMENT
SACKS USED
PRECEDING FLUID
% ADDITIVE
% RETARDER
SLURRY WEIGHT
BREAKDOWN PRESSURE
SURFACE MAX. PRESS.
BOTTOM MAX. PRESS.

NEUTRON
RUN NO.
LOG TYPE
TOOL MODEL NO.
DIAM.
DETECT. MODEL NO.
TYPE
LENGTH
SOURCE MODEL NO.
SERIAL NO.
CIRCUIT
TYPE
STRENGTH

GAMMA RAY
RUN NO.
TOOL MODEL NO.
DIAM.
DETECT. MODEL NO.
TYPE
LENGTH
DIST. TO N. SOURCE
GENERAL
84129
005
161061

LOGGING DATA
GENERAL
SUN. NO. 1
DEPTH FROM 7158' TO 5750'
DEPTH TO 5750'
SPEED 35 FT. MIN.
T.C. SEC. 3
S.E. SETTING 6-900 D-200 R-6
GAMMA RAY
T.C. SEC. 3-L
API GS. UNITS PER LOG DIV. 14
NEUTRON
SENS. SETTINGS
T.C. SEC.
API N. UNITS PER LOG DIV.

REMARKS:
ADJUSTED LOG TO CORRELATE WITH SCHLUMBERGER LOG RAN 2-16-82
REPEAT SECTION RAN AT MCCULLOUGH DEPTH (NOT ADJUSTED)

