GEARHART-OWEN
WIRELINE SERVICE

CEMENT BOND WITH WAVE TRAIN DISPLAY

COMPANY WESTERN GULF OIL COMPANY
WELL FEDERAL NO. 1
FIELD WILDCAT
COUNTY RIO BLANCO
STATE COLORADO

LOCATION: 1980' FNL & 660' FWL
SEC. 20 TWP. 2N RGE. 101W

PERMANENT DATUM: GROUND LEVEL
ELEV. 6943
LOG MEASURED FROM KELLY BUSHING
6' ABOVE PERM. DATUM
DRILLING MEASURED FROM KELLY BUSHING

DATE 10-15-69
RUN NO. ONE
TYPE LOG CBL-VDL
DEPTH-DRILLER 6643
DEPTH-LOGGER 6639
BTM. LOG INTERVAL 6639
TOP LOG INTERVAL 5400
CASING-DRILLER 7" @ 6643
CASING-LOGGER 6643
BIT SIZE 6 1/4"
TYPE FLUID IN HOLE WATER
DENSITY 8.4
VISCOSITY 28
PH 10
FLUID LOSS 10 ML
SOURCE OF SAMPLE PIT
RM @ MEAS. TEMP. .5 @ 70°F
RMF @ MEAS. TEMP. .4 @ 70°F
RMC @ MEAS. TEMP. .6 @ 70°F
SOURCE OF RMF & RMC MEASURED
RM @ BHT .3 @ 140°F
TIME SINCE CIRC. 12 HRS.
MAX. REC. TEMP. 140°F
EQUIP. LOCATION 6 MI. NORTH
RECORDED BY R. SMITH
WITNESSED BY MR. JONES

RUN NO. | BIT | FROM | TO | FEET | HOURS

ONE | 6 1/4" | SURF. | 6643 | 6643 | 12

CASING RECORD
SIZE | WGT. | GRADE | FROM | TO
7" | 23# | N-80 | SURF. | 6643

TUBING RECORD
SIZE | WGT. | GRADE | FROM | TO
2 3/8" | 4.7# | J-55 | SURF. | 5400

REMARKS: RUN CBL-VDL WITH 1000 PSI ON CASING. GOOD BOND ACROSS ENTIRE INTERVAL LOGGED.

AMPLITUDE — VARIABLE DENSITY
100% BOND 0% — 200 MICROSECONDS — 800

5400
5500
5600
5700
5800
5900
6000
6100
6200
6300
6400

100% BOND 0% — 200 MICROSECONDS — 1200
RD. 6639'
TD. 6643'

REPEAT SECTION

AMPLITUDE — VARIABLE DENSITY
100% BOND 0% — 200 MICROSECONDS — 800
6350
6400
100% BOND 0% — 200 MICROSECONDS — 1200
RD. 6639'
TD. 6643'

CALIBRATION

AMPLITUDE
0%
100% BOND
SPAN ADJUST
RECORDER ZERO

WESTERN GULF OIL CO.
WELL NO. 1
FEDERAL
ROUTINE
WILDCAT — COLORADO
20-2N-101W