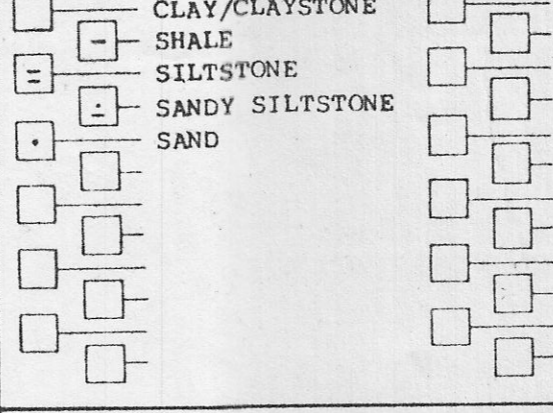


ENERGYLOG

LITHOLOGY SYMBOLS



MINERALS SCALE

CL	Clay
Ca	Calcite
P	Pyrite
E	Epilite
h	
a	Chlorite
n	
l	
m	Miscellaneous

COMPANY CHEVRON GEOTHERMAL
WELL H.G.U. No. 16
FIELD Heber
LOCATION Sec. 34, T 16-S R 14-E
 fr NW cor 3435'S 800'E
COUNTY Imperial STATE CA
ELEVATION -5' (GL) 17.6 (DP)
API WELL INDEX NO.
SPUD DATE 10-24-1986 **TIME** 7:00 PM
TD DATE 12-11-1986 **TIME** 11:15 AM
TOTAL DEPTH MD 9504' **TVD** 8376'
BOTTOM HOLE LOC. S-784' W-3386'
MUD DRILLING Surface - 9504'
AIR DRILLING
AERATED DRILLING
CO. GEOLOGIST Earl James
CO. ENGINEER David Wolfe
CO. PUSHER Keith Roberts, D.C. Wilson
ENERGYLOG UNIT Jivaro
LOGGING GEOLOGISTS Al Worcester
 Henry Wilkinson
LOG DATES 12-02-1986 TO 12-11-1986
LOG DEPTHS (MD) 7457' TO 9504'
DRILLING CO. Cal Pacific
RIG 4 **PUSHER** Norman Cupp
PUMPS: No. 1 Oilwell 1100 10 x 5 1/2
 No. 2 Oilwell 850 9 x 6
MUD COMPANY NL Baroid
MUD ENGINEER Larry Leet
MUD TYPE E-2 Mud
AIR COMPANY
COMPRESSOR
DIRECT CO. Eastman Christensen
DIRECT ENGR. Everett Stevenson
DIRECT K.O.P. 2700'

MUD DATA

W WEIGHT
 V VISCOSITY
 F FILTRATE
 IC FILTER CAKE
 SD SAND % VOL
 SOL SOLIDS % VOL
 S SALINITY ppm Cl
 Ca CALCIUM ppm
 T TEMPERATURE °F
 Rm RESISTIVITY OF MUD AT 75°F
 RI RESISTIVITY OF MUD FILTRATE AT 75°F

DRILLING DATA (cont)

CB CORE BIT
 WOB WEIGHT ON BIT (lbs)
 RPM ROTARY REV/S MIN
 Pp PUMP PRESSURE (psi)
 SpM PUMP STROKES/MIN
 CFM CUBIC FT/MIN

ENGINEERING SYMBOLS

CASING POINT
 CORED INTERVAL
 LOST INTERVAL
 L LOST CIRCULATION ZONE
 D DIRECTIONAL DRILLING
 P CEMENT PLUG
 T TRIP
 W WATER ENTRY
 S STEAM ENTRY
 V ORIFICE FLOW TEST
 LIVE OIL IN MUD OR CUTTINGS
 SLIGHT TRACE
 TRACE
 FAIR
 GOOD
 EXCELLENT

DRILLING DATA

NB NEW BIT
 RRB RE-RUN BIT
 RTB RETIP BIT
 RBB RE-BUILT BIT

HOLE SIZE

28"	TO	360'
23"	TO	1655'
17 1/2"	TO	5413'
12 1/4"	TO	9504'

CASING SIZE

36"	TO	60'
24"	TO	360'
18 5/8"	TO	1655'
13 3/8"	TO	5413'
	TO	
	TO	

REMARKS
 Oil based on live oil in unwashed cuttings, mud, and % staining of washed cuttings.
 GAS 90% for calibration record, 100 units with a mixture of 2% (1000 PPM) by volume methane in air.
 CHROMATOGRAPH ANALYSIS REPORTS FOR THIS WELL LOGGING SERVICE.

WELL LOGGING SERVICE

