GL04307_6

FINAL PRINT

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COUNTY IMPERIAL
FIELD HEBER
LOCATION
WELL H.G.U. #57
COMPANY CHEVRON GEOTHERMAL

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WELL H.G.U. #57

FIELD HEBER

COUNTY IMPERIAL **STATE** CALIFORNIA

LOCATION 276' SOUTH & 1001' WEST OF NORTH-EAST CORNER OF

Other Services: FDC HDT

API SERIAL NO.	SEC.	TWP	RANGE
--	34	16 S	14 E

Permanent Datum: GL ; Elev.: --
Log Measured From KB -- Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. --
D.F. --
G.L. --

Date	09/26/84			
Run No.	ONE			
Depth—Driller	10426			
Depth—Logger (Schl.)	10400			
Btm. Log Interval	10384			
Top Log Interval	4000			
Casing—Driller	13 3/8" @ 1512	@	@	@
Casing—Logger	1511			
Bit Size	12 1/4"			
Type Fluid in Hole	GEL/CYPAN			
Dens. | Visc.	8.9 | 36			
pH | Fluid Loss	9.3 | 9.7 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	1.50 @ 103 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.714 @ 77 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	.553 @ 77 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	FILTER | PRESS			
Rm @ BHT	.553 @ 291 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0330			
TIME Logger on Bottom	1740			
Max. Rec. Temp.	291 °F	°F	°F	°F
Equip. | Location	8297 | 4404			
Recorded By	MACGLASHAN			
Witnessed By	HAMIL			

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE			
Service Order No.	427[illegible]3			
Fluid Level	FULL			

EQUIPMENT DATA

Sonic Panel No.	SLM-DA-1500			
Sonic Cart No.	SLC-EA-662			
Sonic Sonde No.	SES-WA-22[illegible]			
Mem. Panel No.	CPJ-[illegible]-24[illegible]			
G.R. Cart. No.	SGC-C-721[illegible]			
G.R. Panel No.	NLM-BC-125[illegible]			
Caliper No.				
TTR No.	MTU-5707			
Centralizers: No	1			
Type	CME-2			
Standoffs: No.	2			
Type	TRUSS FINS			
Time Const.-Sec.	1			
Speed - F.P.M.	60			

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

LOGGING DATA

Porosity Selectors Δtm	Δtf	Cp	Ø Scale	Depth From	To

REMARKS

$T_1 = T_2 = T_3 = 291°$

CALIBRATION DATA

GR	BKG. CPS	27.65
	Source CPS	170.1
	Tc Sec	4

$$\text{Velocity (ft/sec)} = \frac{1{,}000{,}000}{\text{Interval Transit Time (microseconds per foot)}}$$

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

GR (GAPI)		TENS(LB)	
20.000	120.00	10000.	0.0
SP (MV)		**DT (US/F)**	
-80.00	20.000	150.00	50.000

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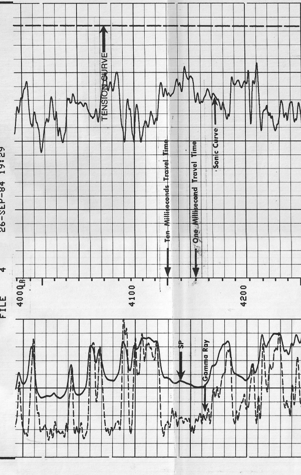

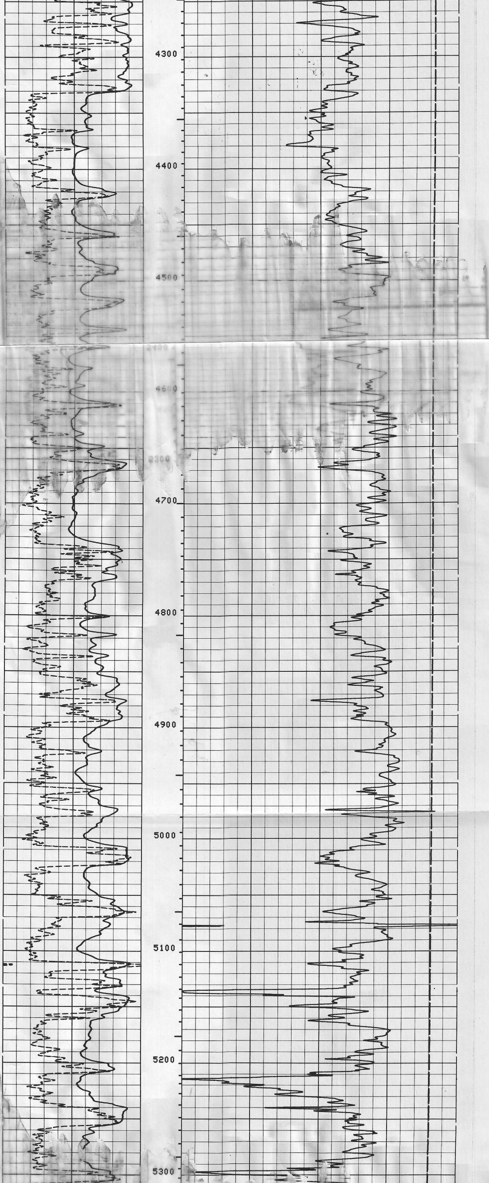

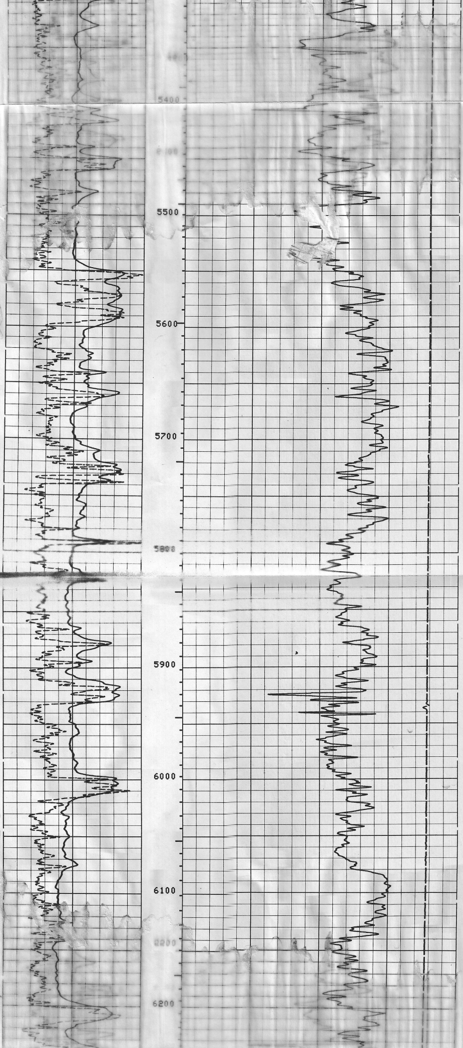

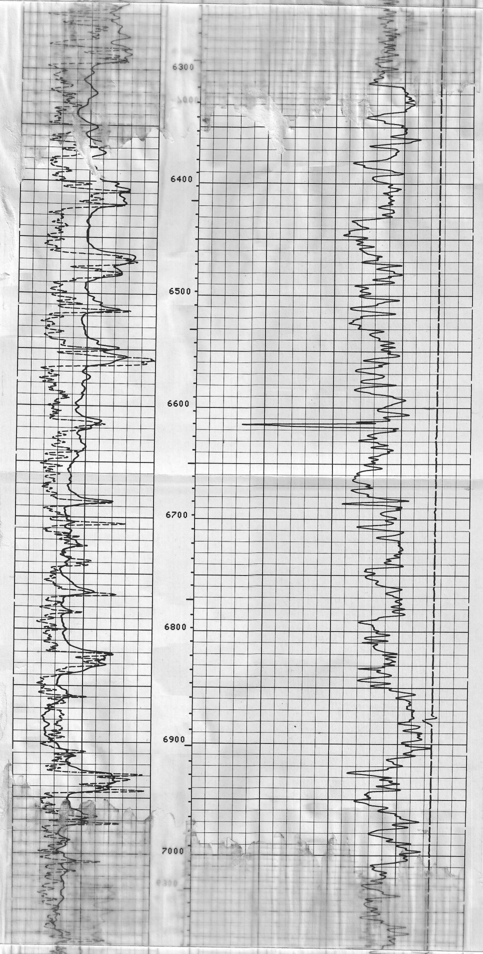

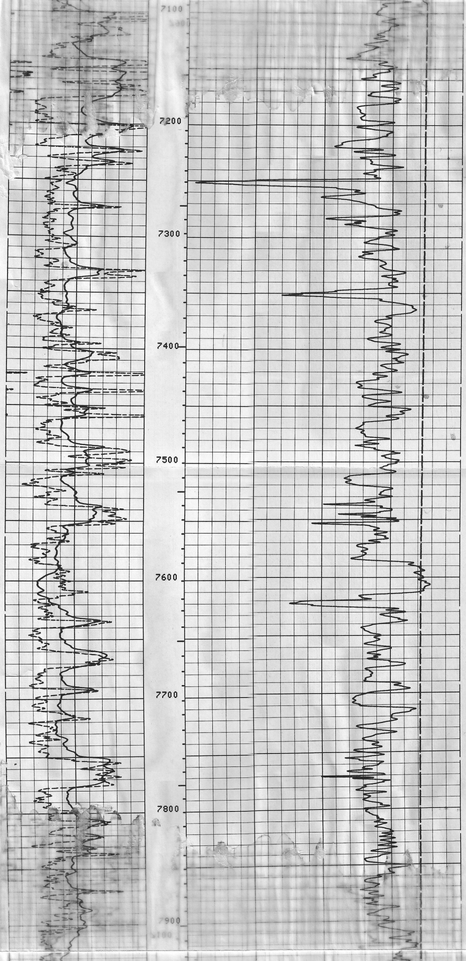

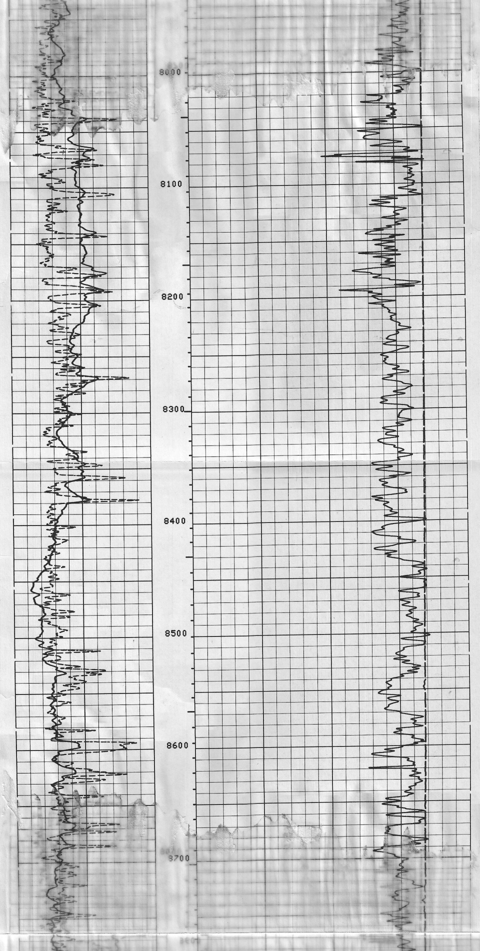

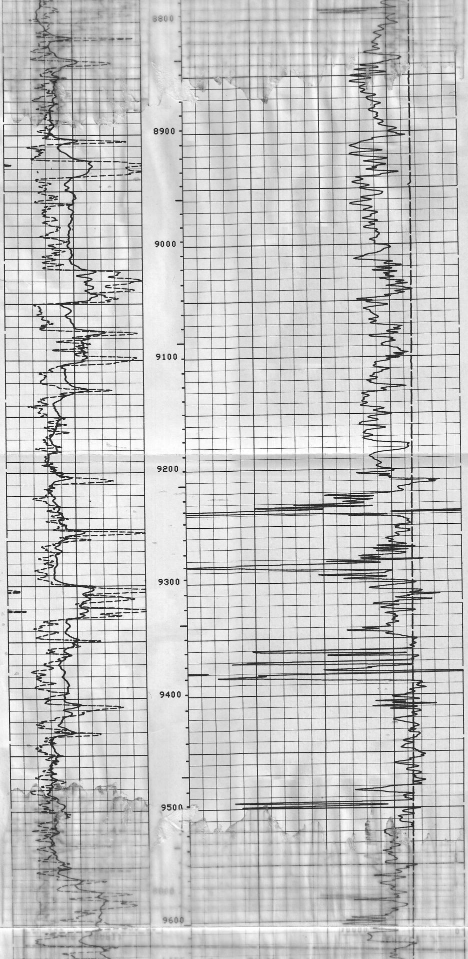

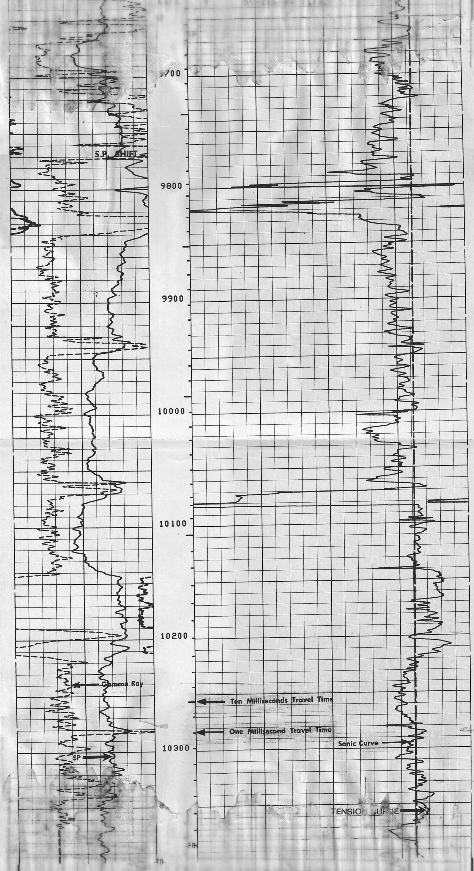

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GR (GAPI) 20.000 120.00

SP (MV) -80.00 20.000

TENS(LB) 10000. 0.0

DT (US/F) 150.00 50.000

SENSOR MEASURE POINT TO TOOL ZERO

CBL	12.2	FEET
TT3	8.5	FEET
TT1	11.2	FEET
GR	32.4	FEET
SFL	6.4	FEET
SP	2.5	FEET
TENS	2.5	FEET
NOIS	4.0	FEET

AMPL	12.2	FEET
TT4	7.5	FEET
TT2	12.2	FEET
SRAT	9.7	FEET
ILD	9.4	FEET
ILM	5.7	FEET
SPAR	2.5	FEET

PARAMETERS

NAME	VALUE	UNIT
WSV1	WF1	
DSIN	5	US
CDTS	100.000	
DTF	189.000	US/F
SBR	1.00000	OHMM
FNUM	.810000	
BS	12.2500	IN

NAME	VALUE	UNIT
DWS	16	
DDEL	200	US
DWCO	512	
DTM	56.0000	US/F
DSEC	4.50000	MMHO
MSEC	4.50000	MMHO
BHS	OPEN	

COMPANY CHEVRON GEOTHERMAL

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FIELD HEBER

COUNTY IMPERIAL STATE CALIFORNIA

SCHL. FR 10384
SCHL. TD 10400
DRLR. TD 10426
Elev:
KB --
DF --
GL --