GLM1952-DOC.5

Schlumberger

COMPENSATED FORMATION DENSITY LOG

Gamma-Gamma

COUNT [redacted]
FIELD
LOCATI
WELL
COMPANY CHEVRON USA INC.

COMPANY CHEVRON USA INC

WELL BEOWAWE NO. 85-18

FIELD BEOWAWE GEYSERS

COUNTY LANDER STATE NEVADA

LOCATION 2960'SOUTH&80'WEST FROM THE NORTHEAST $\frac{1}{4}$ OF:

API SERIAL NO	SEC	TWP	RANGE
	18	31N	48E

Other Services:
FDC/CNL/GR
HRT HDT
BHC DI-SFL

Permanent Datum: GL Elev.: 4920
Log Measured From KB15 Ft. Above Perm. Datum
Drilling Measured From KB

Elev. K.B. 4935
D.F. --
G.L. 4920

Date	5-11-80	5-27-80		
Run No.	ONE	TWO		
Depth Driller	4543	5927		
Depth -Logger	4543	5930		
Btm. Log Interval	4542	5900		
Top Log Interval	60	4100		
Casing Driller	$9\frac{5}{8}$" @ 2937	$9\frac{5}{8}$" @ 2937	@	@
Casing Logger	2936	--		
Bit Size	$8\frac{3}{4}$"	$8\frac{3}{4}$"		
Type Fluid in Hole	GEL	GEL		
Dens. | Visc.	8.9 | 43	8.8 | 40		
pH | Fluid Loss	9.4 | 8 ml	9.8 | 7.8 ml	ml	ml
Source of Sample	CIRCULATION	CIRCULATION		
Rm @ Meas. Temp.	4.5 @ 52 °F	2.23 @ 96 °F	@ °F	@ °F
Rmf @ Meas. Temp.	4.68 @ 48 °F	3.69 @ 60 °F	@ °F	@ °F
Rmc @ Meas. Temp.	3.16 @ 58 °F	2.68 @ 67 °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	M | M		
Rm @ BHT	1.07 @ 240°F	0.80 @ 276 °F	@ °F	@ °F
TIME Circulation Stopped	1830 5/9	0900 5/27		
TIME Logger on Bottom	2230 5/11	0430		
Max. Rec. Temp.	240°F	T1= 272 °F	T2= 276 °F	T3= 273 °F
Equip. | Location	7763 | SAC	8128 | SAC		
Recorded By	ANDERSEN/BORATKO/LANGFORD/BORATKO			
Witnessed By Mr.	LOVENETTI	LOVENETTI		

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

RUN NO.	ONE	TWO		
Service Order No.	123980	123994		
Fluid Level	FULL	FULL		
Salinity, PPM CL.	--	--		
Speed - F.P.M.	--	--		
EQUIPMENT DATA				
Dens. Panel	650	456		
Dens. Cart.	213	213		
Dens. Skid.	253	300		
Dens. Sonde	E-426	472		
Dens. Source	5199	5146		
Dens. Calibrator	1241	1105		
GR Cart.	--	--		
Memorizer Panel	--	--		
Tape Recorder (TTR)	--	--		
Depth Encoder (DRE)	--	--		
Pressure Wheel (CPW)	--	--		
CALIBRATION DATA				
GR BKG. CPS	64	39		
GR Source CPS	211	210		
GR Sens. - Cal	165	165		
GR T. C. - Cal	CSU	CSU		
FDC P^1 — Before Log	336	723		
FDC P^2 — Before Log	497	430		
FDC P^1 — After Log	332	723		
FDC P^2 — After Log	494	432		
LOGGING DATA				
Grain Density	2.71	2.71		
Liquid Density	1	1		
Hole Fluid	WATER	WATER		
Porosity Scale	60-0	60-0		
G.R. T.C. Logged	--	--		
G.R. Sens. Logged	--	--		
Zero Div. Left	--	--		
Scale Per 100 Div.	--	--		

SCALE CHANGE

Type Log	Depth	Up Hole	Down Hole
GR	2720	0-100	0-200

REMARKS:

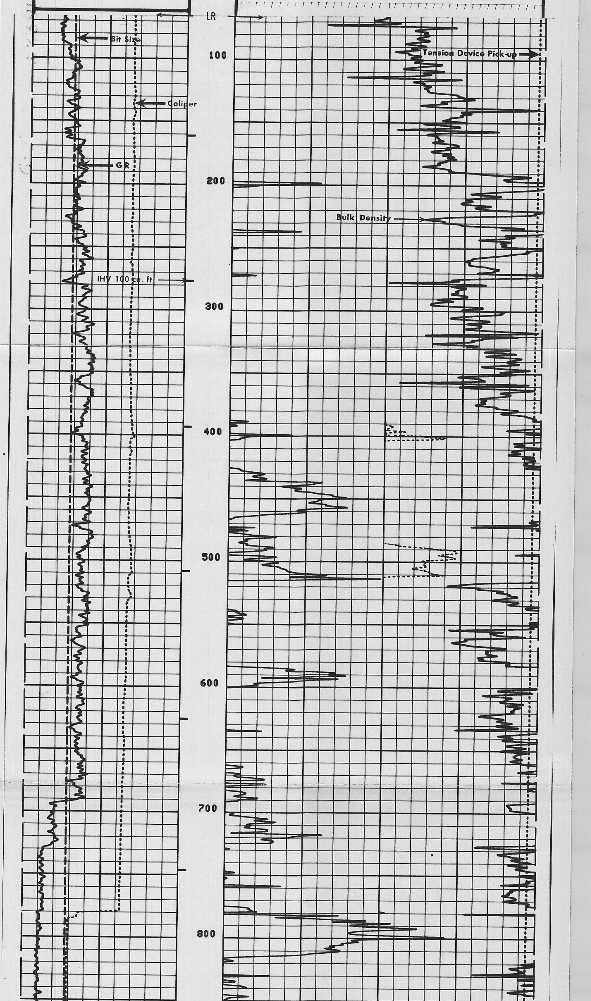
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

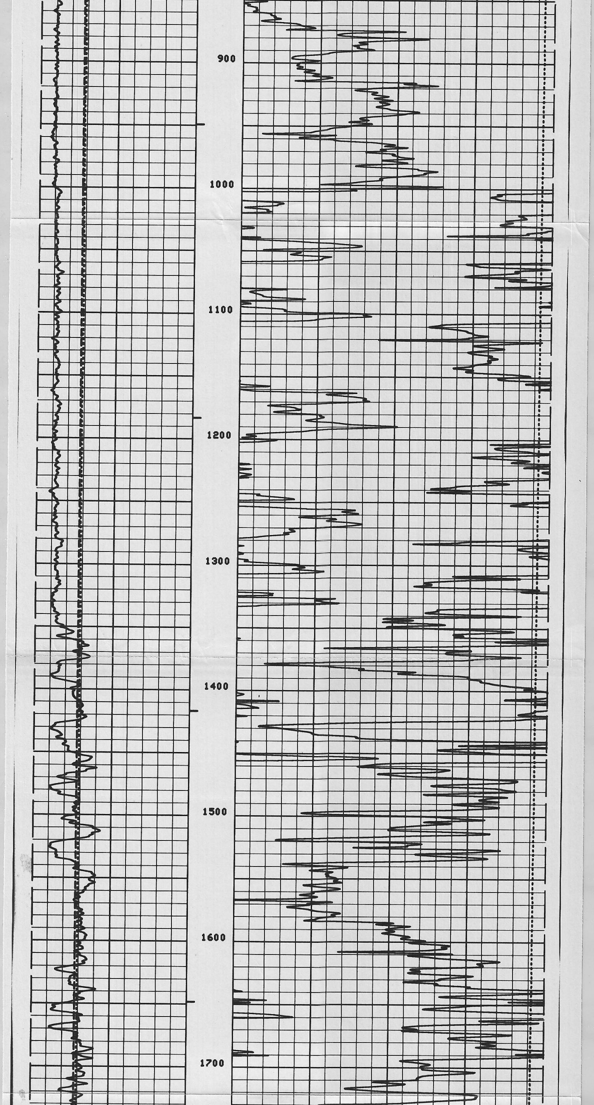
CALIPER DIAM. IN INCHES
6" 16"

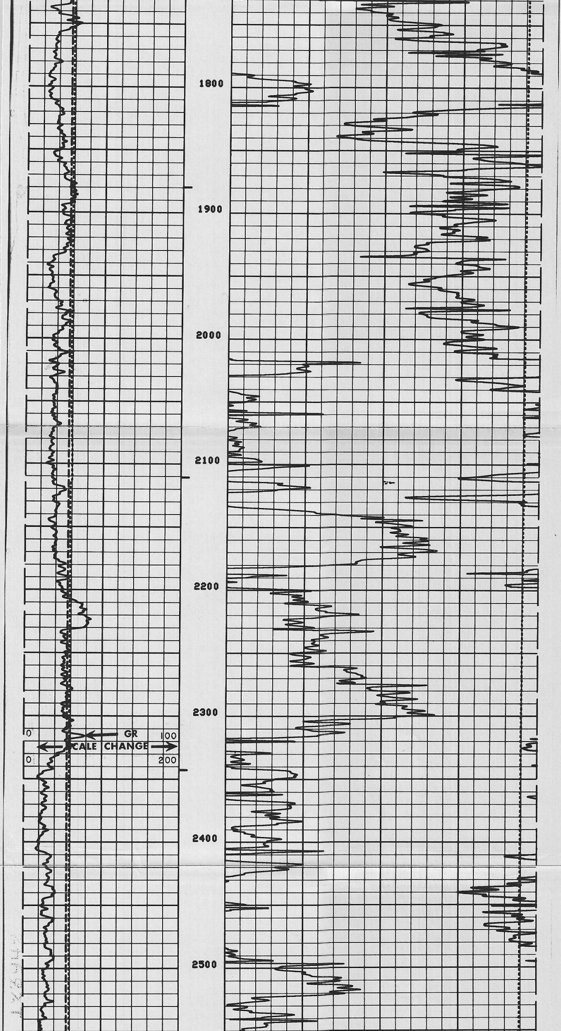
GAMMA RAY API UNITS
0 100

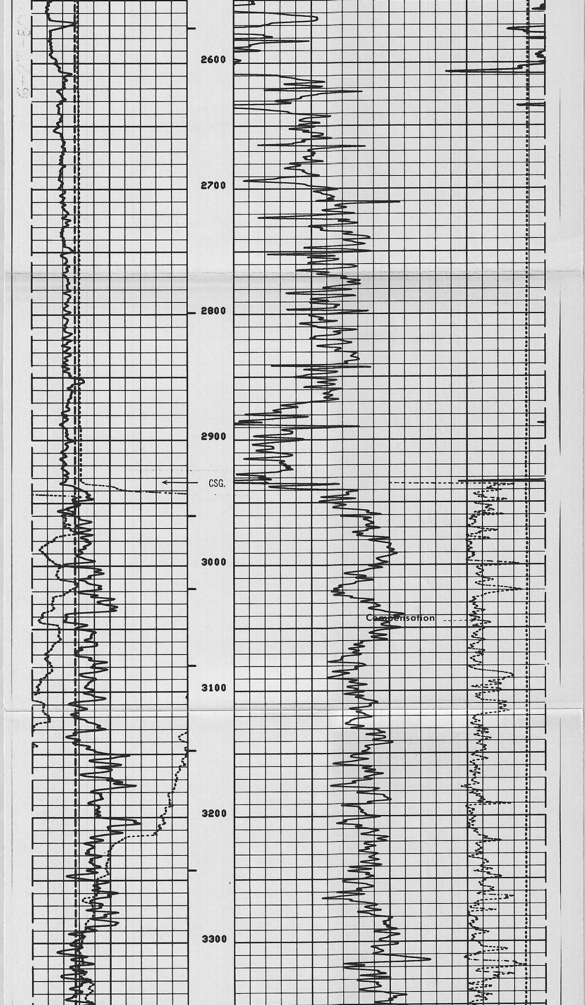
CORRECTION GRAMS CC
.25 0 .25

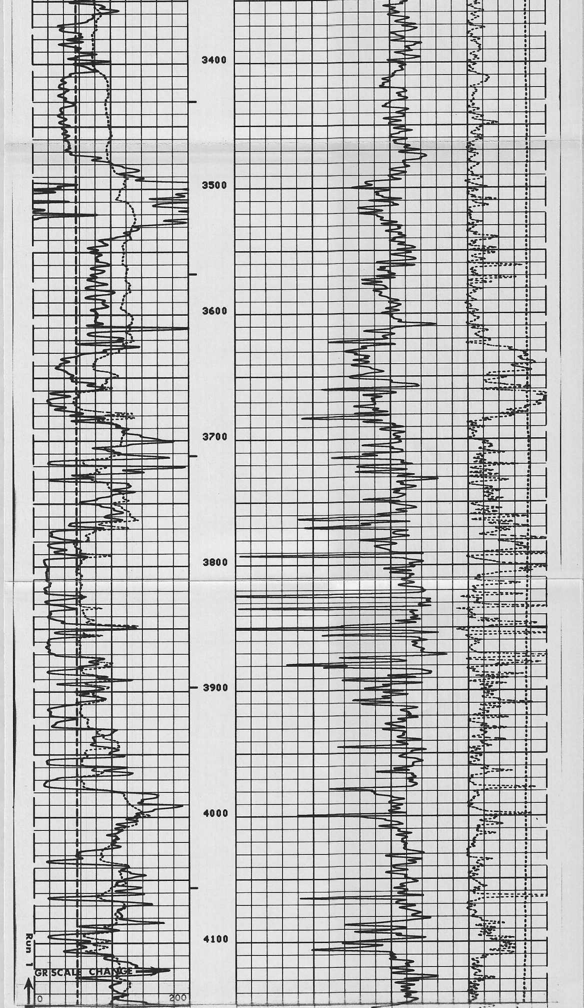
BULK DENSITY GRAMS CC
2.0 2.5 3.0

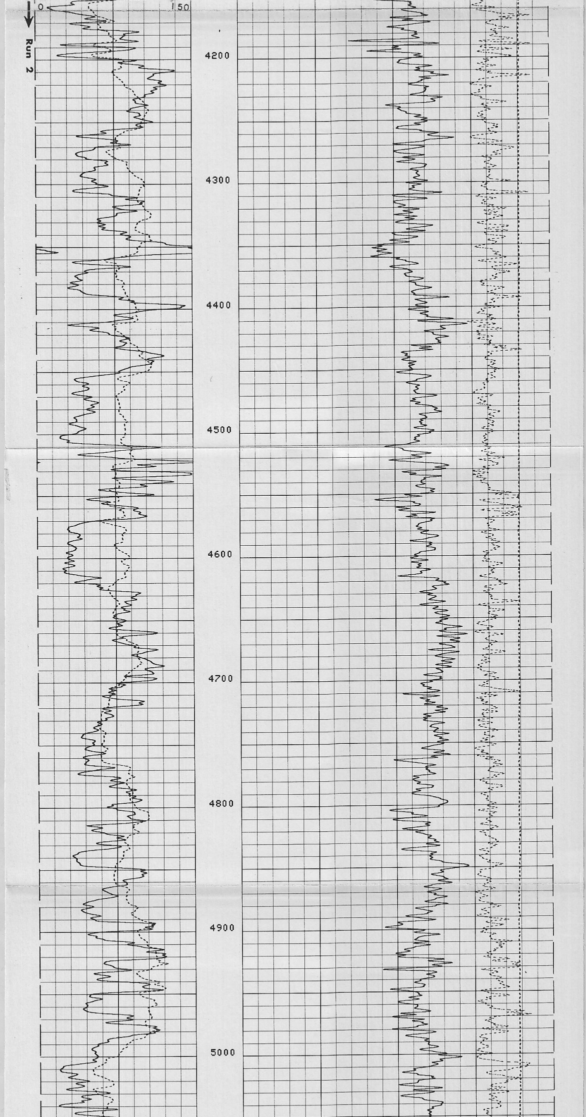


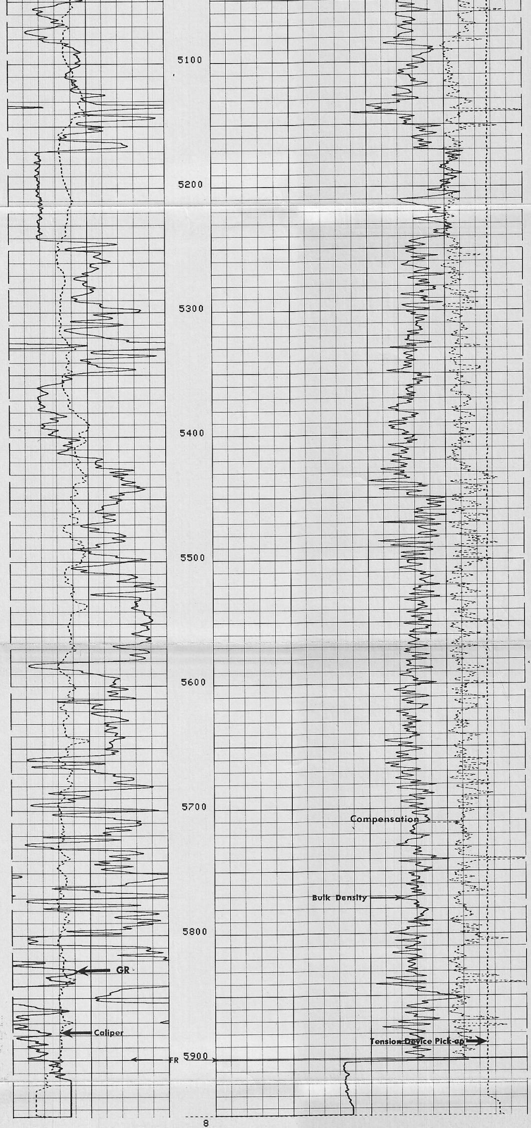












SWS-1382-C

0 150
150 300

GAMMA RAY
API UNITS

6" 16"

CALIPER
HOLE DIAM. IN INCHES

DEPTHS

2.0 2.5 3.0

BULK DENSITY
GRAMS/CC.

−.25 0 +.25

CORRECTION
GRAMS/CC.

COMPANY CHEVRON USA INC.

WELL BEOWAWE NO. 85-18

FIELD BEOWAWE GEYSERS

COUNTY LANDER STATE NEVADA

Rm 2.23 @ 96 °F
BHT 276 °F

SCHL. FR 5900
SCHL. TD 5930
DRLR TD 5927
Elev:
KB 4935
DF --
GL 4920