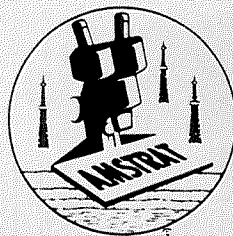


AMERICAN STRATIGRAPHIC COMPANY

GL03003-2048



Log No D-4113 Net Footage 9067

State ARIZONA County MARICOPA
Well Name GEOTHERMAL KINETICS SYSTEMS CORP.
NO. 1 POWER RANCHES

Spot NE SE Sec 1 T 2S R 6E

NO. 1 POWER RANCHES 6E R 2S T 1 1 Sec NE SE Spot		Area (W)
	Commenced Jan. 31, 1973	
	Completed Tstg	
	Initial Production Tstg	
	Elevation KB 1358 Producing Fm GR 1338	
	Total Depth 9207 Producing Intervals	
	Oldest Fm Casing 20" @ 204'; 13 3/8" @ 3117'; 9 5/8" @ 5402'; 7" @ 9065'	
	Basement?	
	Mechanical Control Used To Adjust Lithology FDL 200-3106 IES	
	Sample Quality Fair	
Remarks API No. 02-013-20005		
Well Name GEOTHERMAL KINETICS CORP. NO. 1 POWER RANCHES	Studied by No. 33	5-74

MECHANICAL LOGS

The log is shown for correlation only and should not be used for engineering computations.

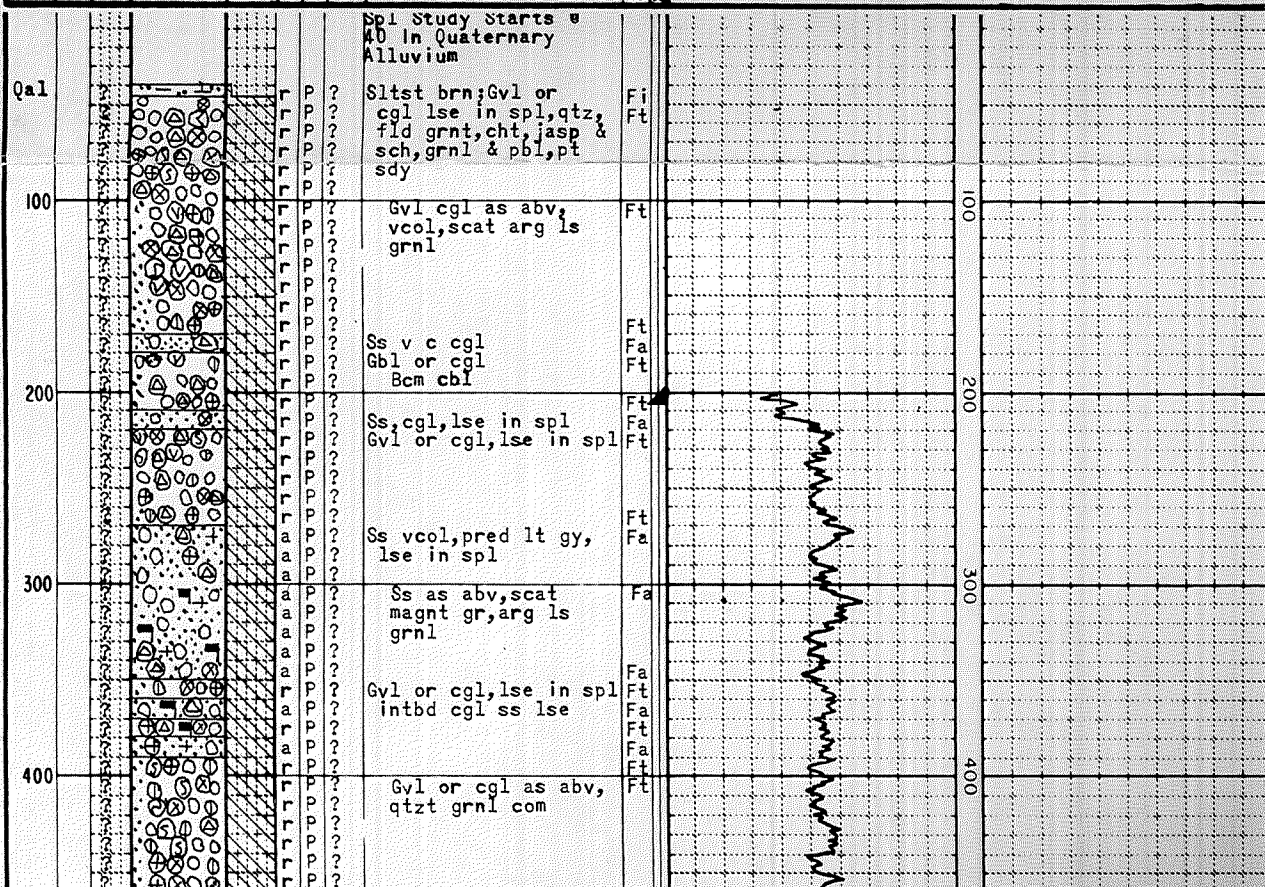
When Dual Induction log is used, the resistivity curve on the original E-Log may or may not have been run on a Logarithmic scale.

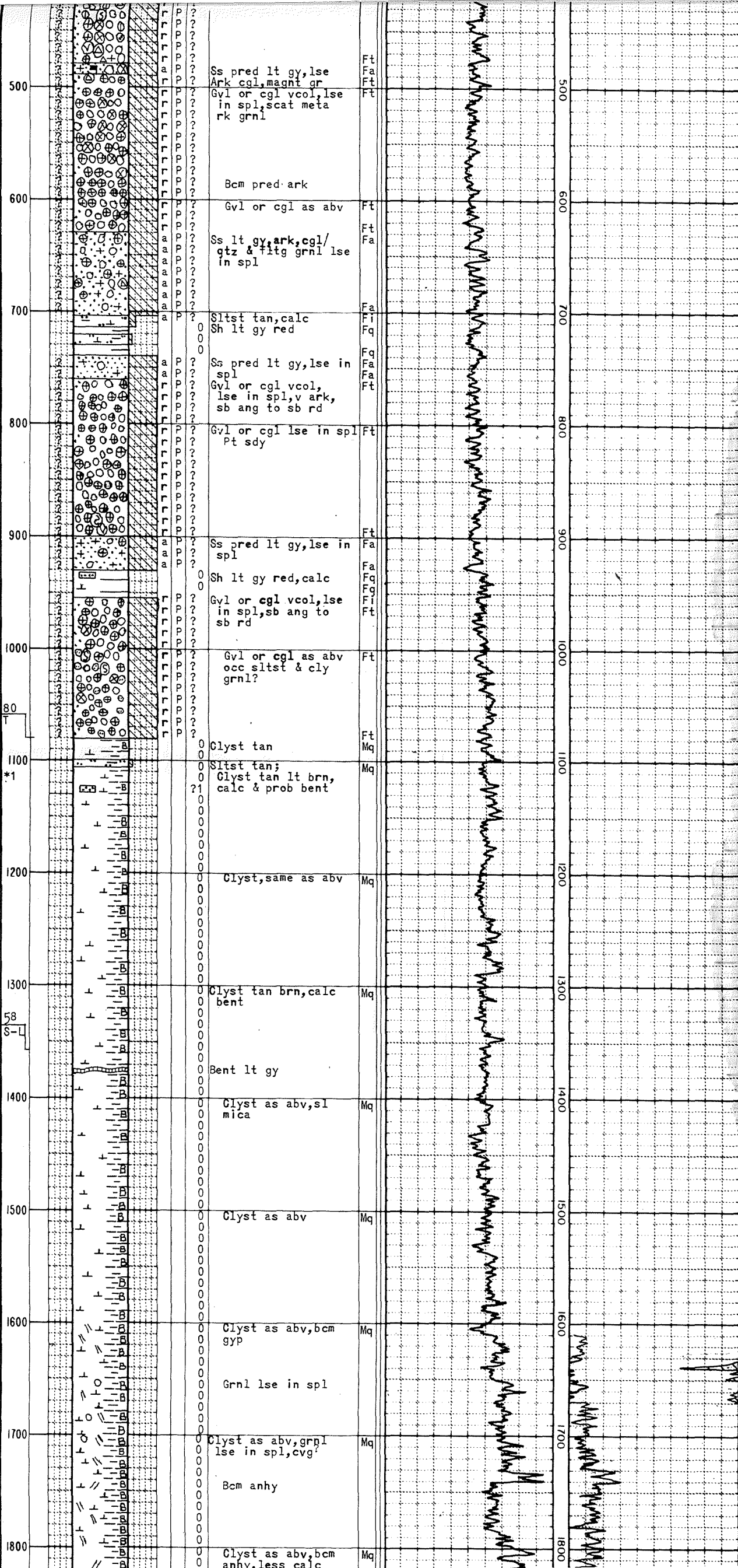
Type Fluid in Hole: S.G.M.

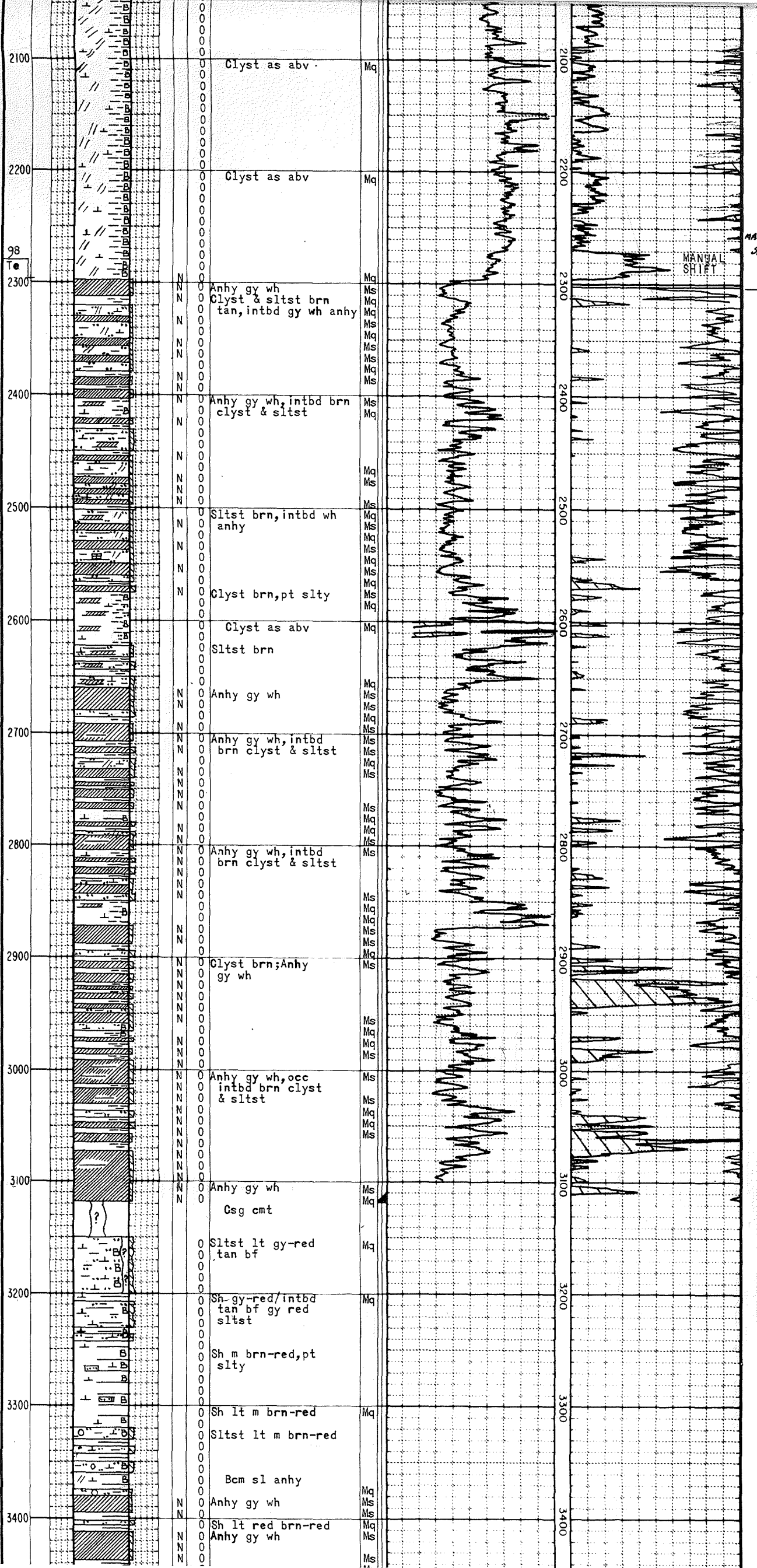
Bit Size: 17 1/2"

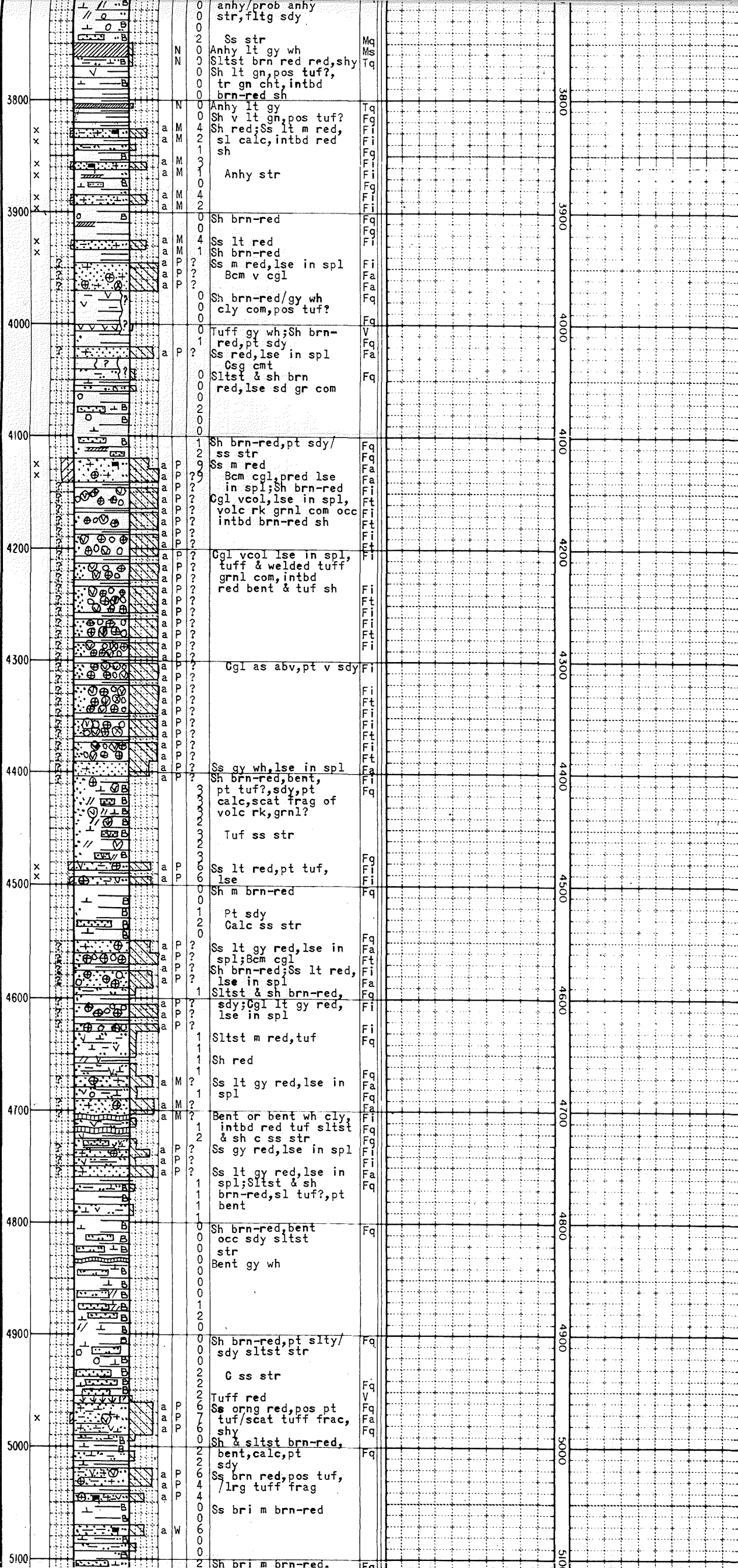
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FORMATION TOPS FOOTNOTES SHOWS	POROSITY TYPES	POROSITY GRADES	LITHOLOGY	CRYSTAL GRAIN OR FRAGMENT SIZE	ROUNDING DIAG TYPE	SORTING DIAG DEGREE	PERCENT OF FRAMEWORK	DESCRIPTION	SUGGESTED ENVIRONMENT ENGINEERING DATA
1	2	3	4	5	6	7	8	9	10









any,prob any str,fltg sdy

Ss str
 Anhy lt gy wh
 Sltst brn red red,shy
 Sh lt gn,pos tuff?
 tr gn cht,intbd
 brn-red sh

Mq
 Ms
 Tq

Anhy lt gy
 Sh v lt gn,pos tuff?
 Sh red;Ss lt m red,
 sl calc,intbd red
 sh

Anhy str

Sh brn-red
 Ss lt red
 Sh brn-red
 Ss m red,lse in spl
 Bcm v cgl

Sh brn-red/gy wh
 cly com,pos tuff?

Tuff gy wh;Sh brn-
 red,pt sdy
 Ss red,lse in spl
 Csg cmt
 Sltst & sh brn
 red,lse sd gr com

Sh brn-red,pt sdy/
 ss str
 Ss m red
 Bcm cgl, pred lse
 in spl;Sh brn-red
 Cgl vcol,lse in spl,
 volc rk grnl com occ
 intbd brn-red sh

Cgl vcol lse in spl,
 tuff & welded tuff
 grnl com,intbd
 red bent & tuf sh

Cgl as abv,pt v sdy

Ss gy wh,lse in spl
 Sh brn-red,bent,
 pt tuff?,sdy,pt
 calc,scat frag of
 volc rk,grnl?

Tuf ss str

Ss lt red,pt tuf,
 lse

Sh m brn-red
 Pt sdy
 Calc ss str

Ss lt gy red,lse in
 spl;Bcm cgl
 Sh brn-red;Ss lt red,
 lse in spl
 Sltst & sh brn-red,
 sdy;Cgl lt gy red,
 lse in spl

Sltst m red,tuf

Sh red

Ss lt gy red,lse in
 spl

Bent or bent wh cly,
 intbd red tuf sltst
 & sh c ss str

Ss gy red,lse in spl

Ss lt gy red,lse in
 spl;Sltst & sh
 brn-red,sl tuf?,pt
 bent

Sh brn-red,bent
 occ sdy sltst
 str

Bent gy wh

Sh brn-red,pt sity/
 sdy sltst str

C ss str

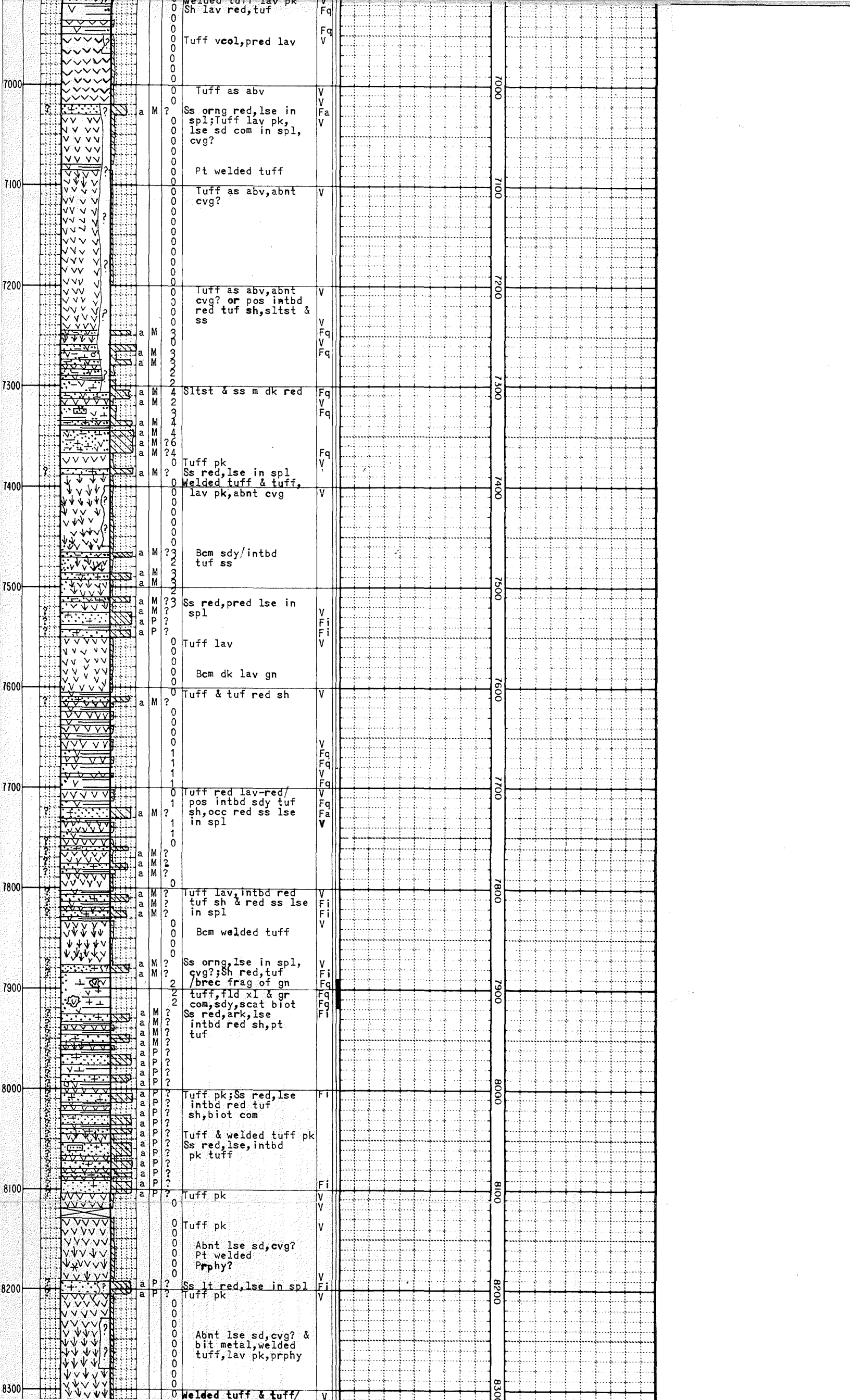
Tuff red
 Ss org red,pos pt
 tuf/scat tuff frac,
 shy

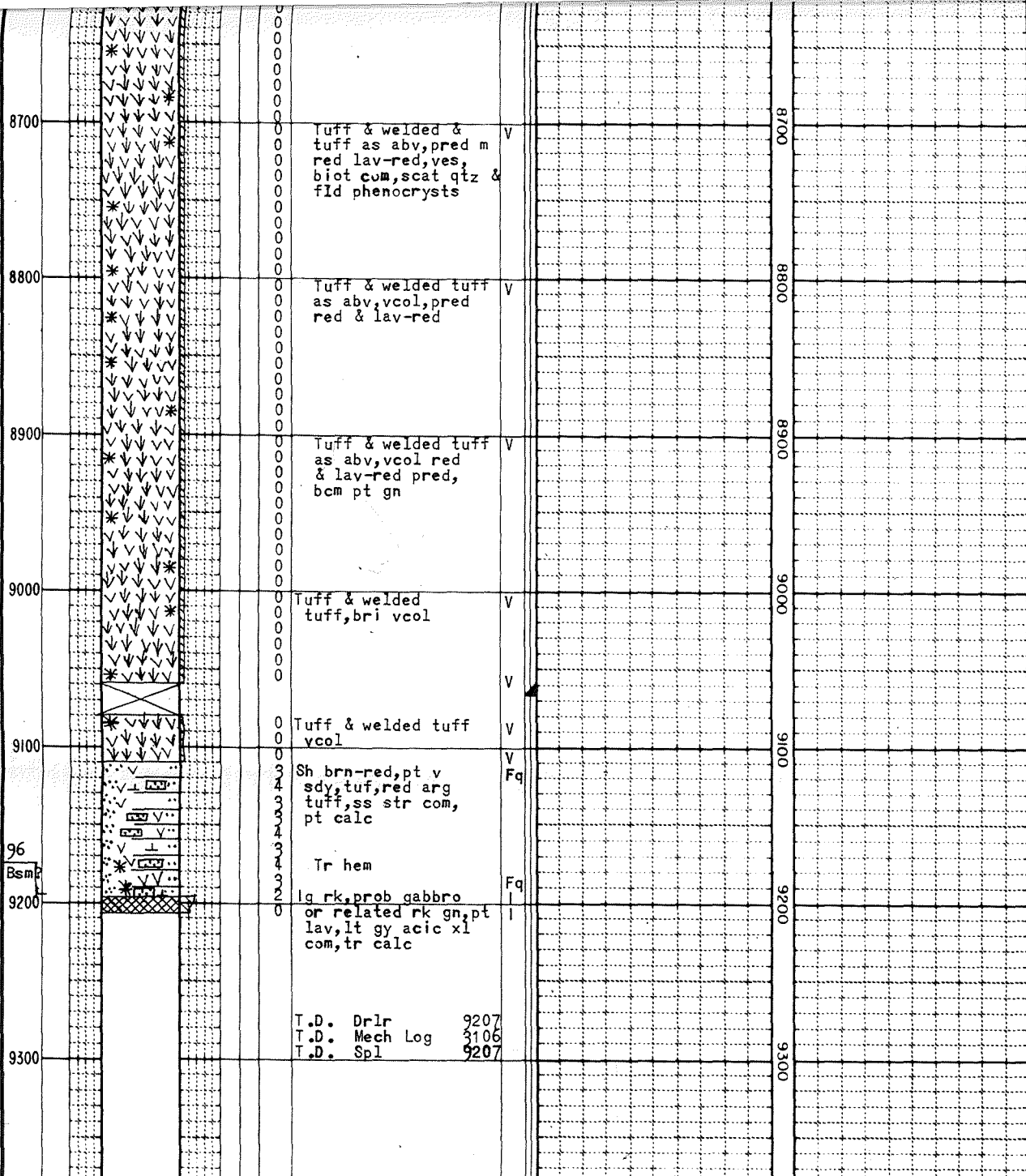
Sh & sltst brn-red,
 bent,calc,pt
 sdy

Ss brn red,pos tuf,
 /lrg tuff frag

Ss bri m brn-red

Sh bri m brn-red.





INFORMATION SUMMARY

SUMMARY OF ABBREVIATIONS
ELEV. 1358 KB

QUATERNARY		
Qal	Quaternary Alluvium	Spl Start
TERTIARY		
T	Tertiary	1080
Te	Evaporites	2298
Tv	Volcanics	6600
BASEMENT?		
Bsm?	Basement?	9196

FOOTNOTES

1. This claystone & underlying evaporite section may be Pliocene Bouse formation.

DRILL STEM TESTS

None Reported

CORED INTERVALS

7890-7918

Core spl insufficient for detailed core study.

SUMMARY OF ABBREVIATIONS
ELEV. 1358 KB

QUATERNARY
Qal Quaternary Alluvium Spl Start

TERTIARY
T Tertiary 1080
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Tv Volcanics 6600

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FOOTNOTES

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DRILL STEM TESTS

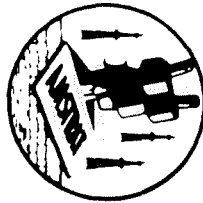
None Reported

CORED INTERVALS

7890-7918

Core spl insufficient for detailed core study.

GEOTHERMAL KINETICS SYSTEMS CORP.
NO. 1 POWER RANCHES
NE SE 1-2S-6E
MARIGOPA COUNTY, ARIZONA
LOG NO. D-4113



TRIM LINE

Spot NE SE Sec. 1 Twp. 2 S Rge. 6 E

State ARIZONA County MARIGOPA

Area (N)

Amstrof Log No D-4113

Operator GEOTHERMAL KINETICS SYSTEMS CORP.

Well No NO. 1 POWER RANCHES

Formation Penetrated BASEMENT?

Date issued 5-74

AMERICAN STRATIGRAPHIC COMPANY

524 E YELLOWSTONE AVE 6280 E 39 AVE BOX 2127 17 N 31 ST
CASPER, WYOMING DENVER, COLORADO ANCHORAGE, ALASKA BILLINGS, MONTANA
82601 80207 99501 59101

TRIM LINE FOR 3" X 5" FILE