F. S. (Stan) Borst—MI 2-2065
M. E. (Mel) Borst—MI 2-2851

Borst & Giddens Logging Service

P. O. BOX 146 — VENTURA, CALIFORNIA

Kermit Giddens
MI 2-5078

COMPANY	HUMBLE OIL and REFINING COMPANY
WELL	FRANCIS E. WICKS, et ux NO 1
FIELD	SILVERTON HILLS WILDCAT

HUMBLE OIL & REFG. CO.
SCOUTING SECTION

LOGGING ENGINEERS
LEE HOWARD
HOWARD COFFMAN
MEL BORST

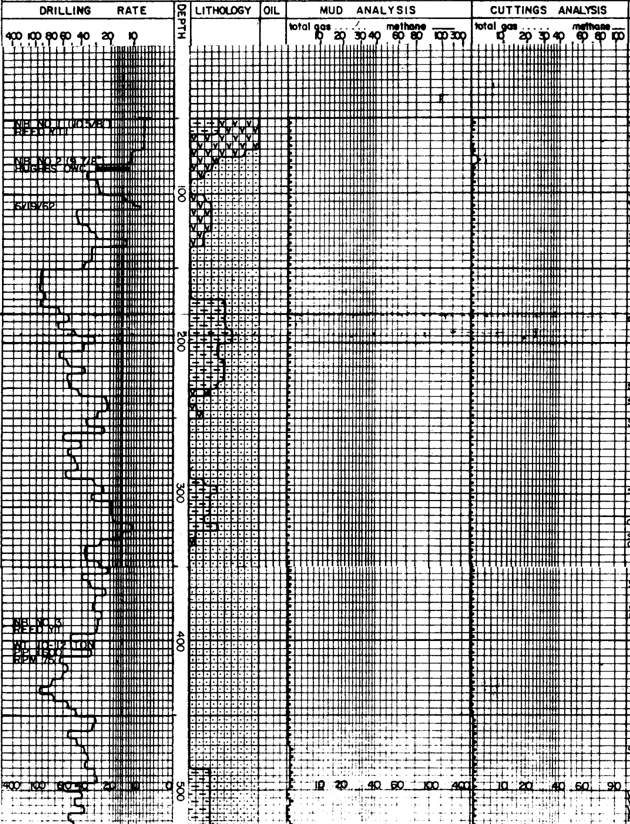
LOCATION	SEC. 11, T. 7 S., R. 1 E., W. M.		
ELEVATION	718. 50 KB		
CASING	883' 10 3/4"		
HOLE SIZE	9 7/8"		
DEPTH FROM	50'	TO	7797'
DATE FROM	6/18/62	TO	7/31/62

COUNTY MARION
MAIN FILE
STATE OREGON

OIL SHOW EVALUATIONS CCl_4
- TRACE
- FAIR
- GOOD
- VERY GOOD

LEGEND
NB NEW BIT
NCB NEW CORE BIT
NR NO RETURNS
CO CIRCULATE OUT
DST DRILL STEM TEST
TG TRIP GAS
WT MUD WEIGHT
VIS VISCOSITY
WL WATER LOSS
CL CHLORIDE ION G/G

LITHOLOGY
SAND
VOLCS
SHALE
CHERT
LIME
CONGL



DESCRIPTION & REMARKS

clay dk bl-gry
volcs multi-col frags $ pebbles
sdst lt grn $ wh fn-med gn micas

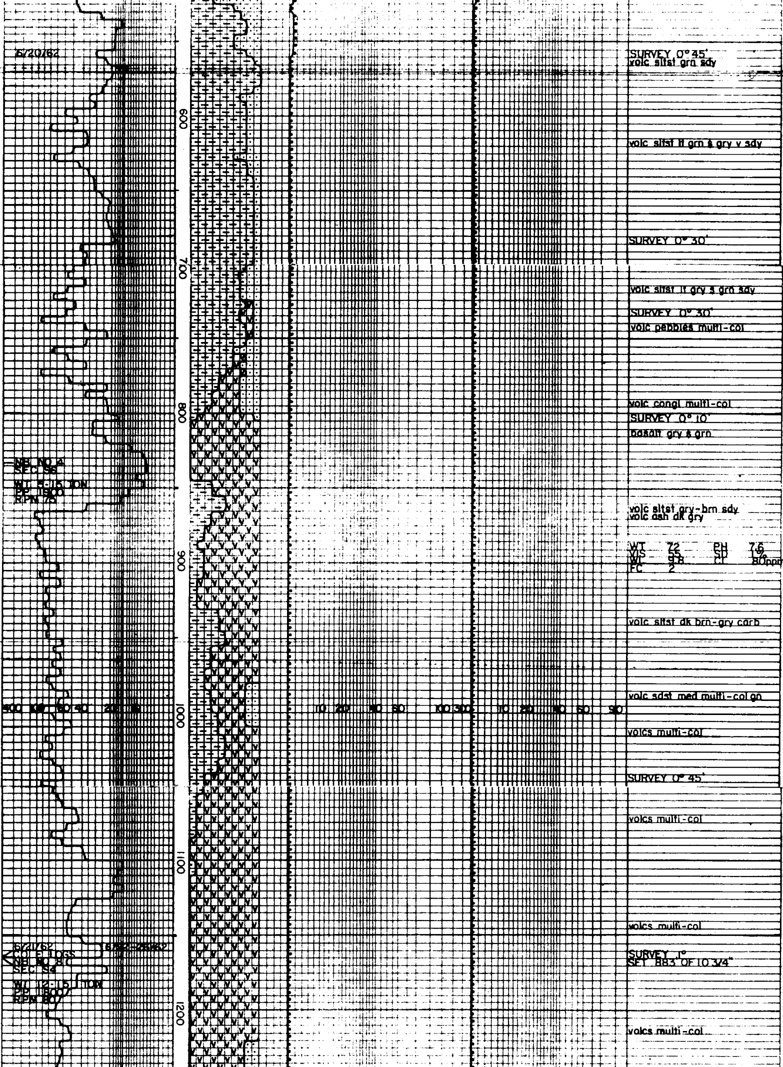
WT	71	PH	7.5
VIS	60	SD	1%
WL	12	CL	100ppm
FC	2		

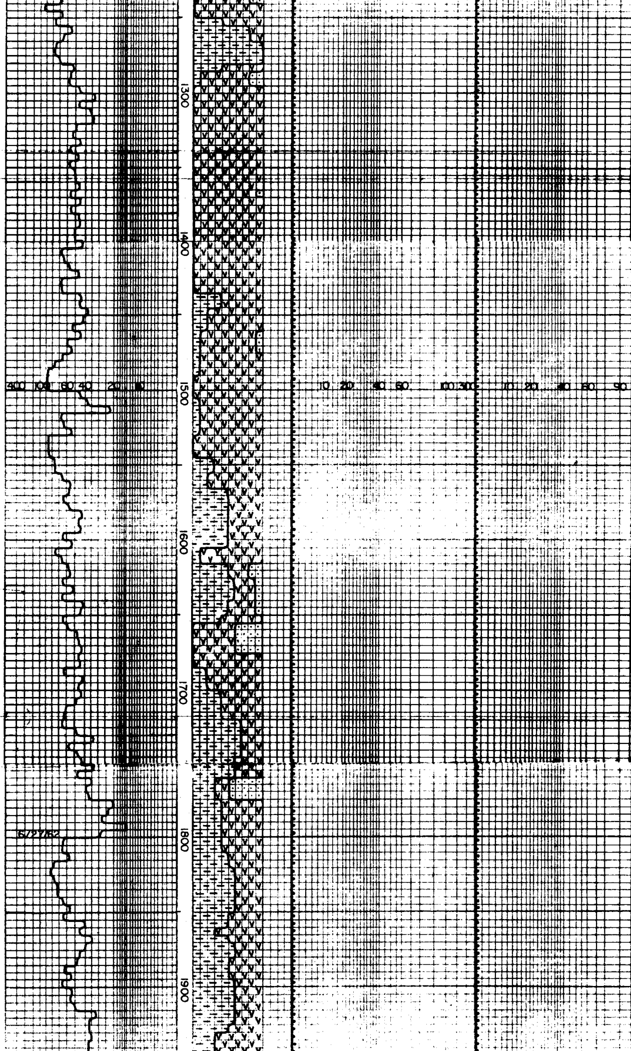
volcs multi-col
SURVEY 1°
clay lt gry-brn v sdy
sdst lt grn volc micas
sdst lt brn, gry, grn $ wh
SURVEY 1°
sd v fn-fn gn clayey
abund mica
sdst lt gry $ grn v fn-fn multi-col gns sl/calc
SURVEY 0° 15'
sdst lt grn-gry v fn-fn gn micas
SURVEY 0° 30'

WT	73	PH	7.5
VIS	60	SD	4%
WL	9.6	CL	80ppm
FC	2		

BORST & GIDDENS LOGGING SERVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING





WT	70.5	PH	8.0
VIS	50	SD	Tr.
WL	17	CL	60 ppm
FC	2		

volc sh gry, gry-brn, grn $ grn-gry slty

volcs multi-col

SURVEY 1°

volc sltst multi-col sdy

volcs multi-col

volc sltst tan, brn $ gry-grn coal

volcs grn ashy

sdst grn ashy

volcs multi-col sdy

SURVEY 0° 30'

abund coal

volc sltst tan $ brn carb

WT	72	PH	8.0
VIS	50	SD	1%
WL	10.5	CL	75 ppm
IFC	2		

volcs gry $ grn ashy sdy

abund coal

volcs multi-col

abund coal

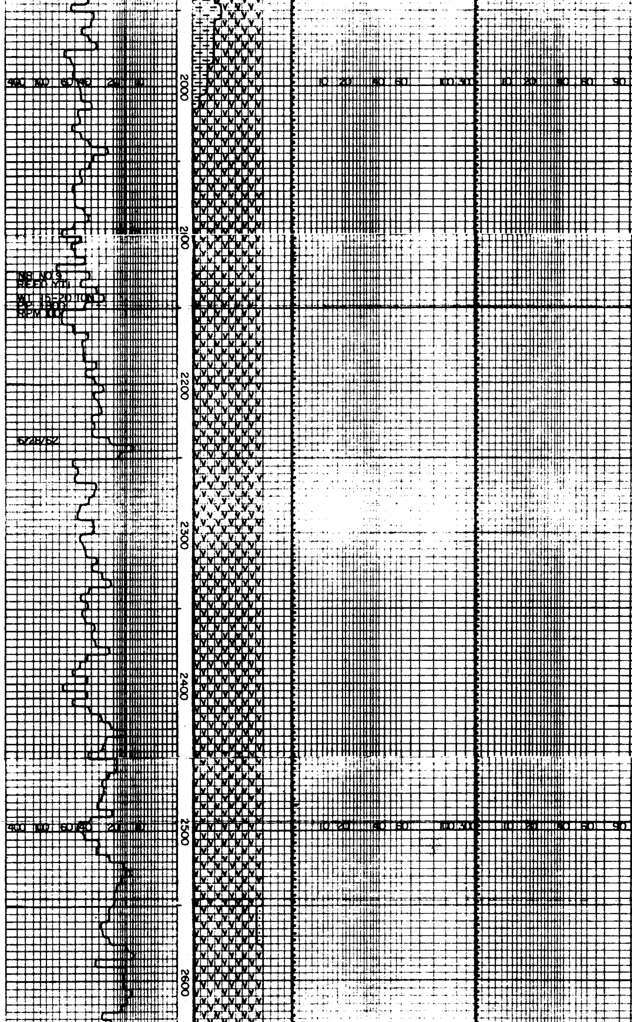
SURVEY 0° 45'

volc sltst $ sh multi-col

RVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING SERVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING SER



trs coal

volcs multi-col

volcs rd, grn $ gry

volcs multi-col

SURVEY 1°

WT	72	PH	7.5
VIS	43	SD	Tr
WL	12	CL	80ppm
FC	2		

volcs rd, grn, gry $ brn

trs coal $ basalt

volcs multi-col
predom cols – rd, rd-brn $ grn

trs coal $ tan sh $ brn sltst

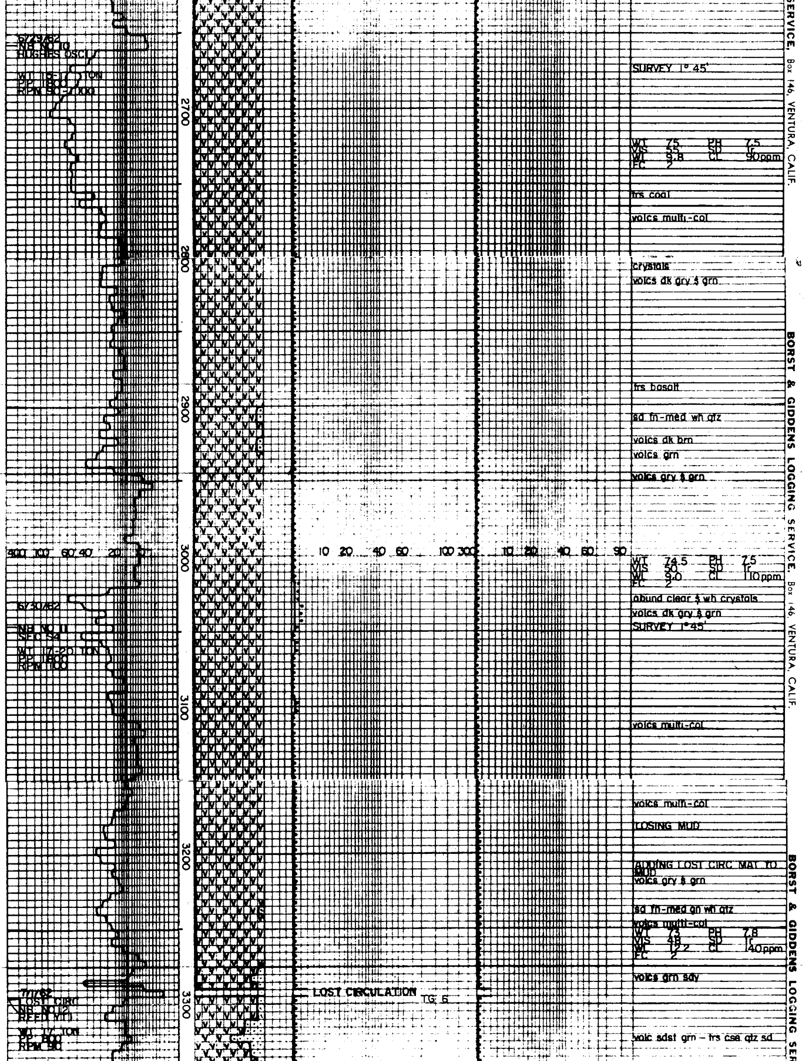
volcs grn $ gry

volcs multi-col

sd med gn qtz

volcs rd, brn, gry $ grn

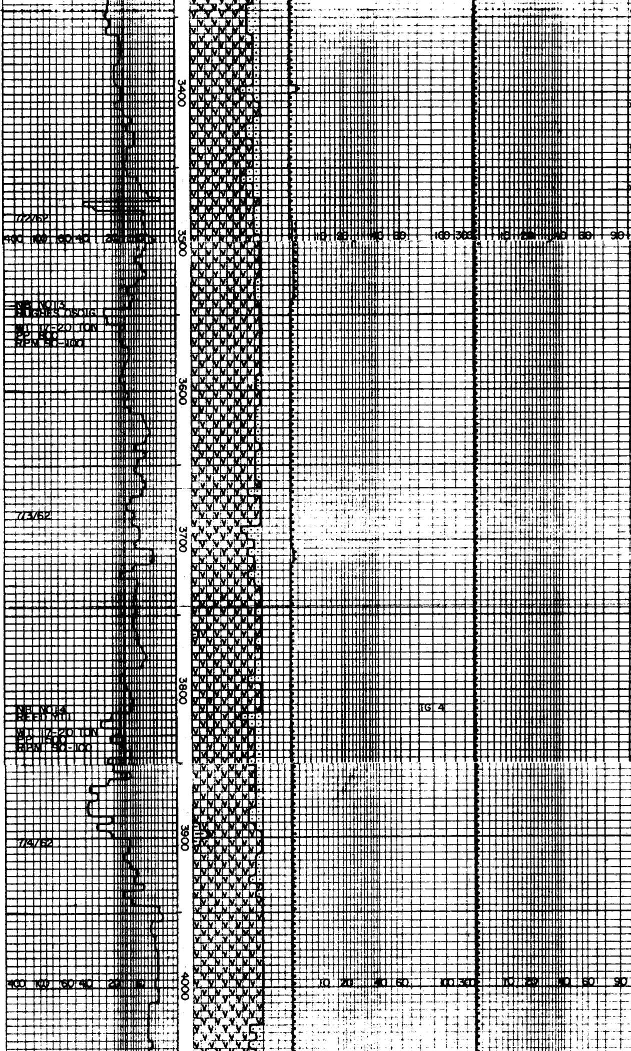
volcs multi-col



SERVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING SERVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING SER



volcs grn sdy

volcs multi-col sdy

trs lt $ dk gry basalt

volc sdst gry-grn $ fn gn qtz sd

volcs rd $ rd-brn sdy ashy

SURVEY 2° 10'

volcs multi-col
tr basalt

sd fn gn qtz

volcs rd, gry $ grn

WT	70	PH	7.5
VIS	57	SD	Tr
WL	10.5	CL	180 ppm
FC	2		

volcs rd $ rd-brn

volc sdst grn fn-med multi-col gns.

abund wh crystals

volcs grn sdy

trs dk gry basalt pebs $ frags

volcs multi-col $ brn volc sh

volcs dk grn firm

volcs multi-col

SURVEY 2° 45'
volc sdst fn multi-col gns.

volcs lt gry $ grn

WT	72	PH	7.5
VIS	55	SD	Tr.
WL	12.2	CL	210 ppm
FC	2		

volc sh brn

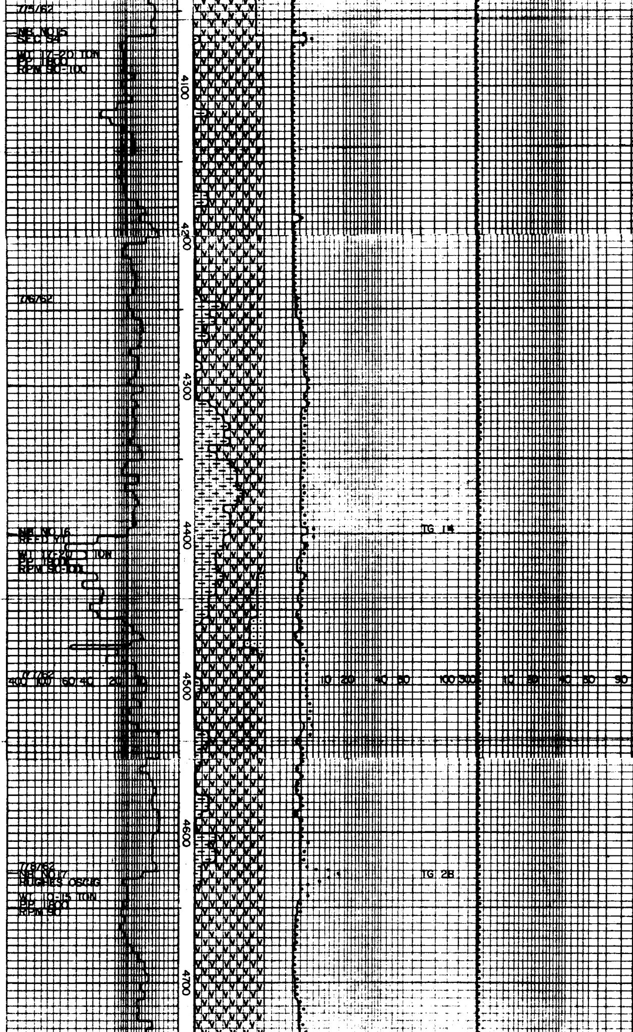
volcs rd, brn, grn, lt $ dk gry
soft to firm slz sdy

volcs multi-col
tr pyrite

volcs multi-col

volcs multi-col sdy

volc sd fn-med multi-col



775/62

volcs multi-col sdy

NB NO 15
SEC 94

SURVEY 1° 50'
volc sh tan

WT 17-20 TON
PP 1800
RPM 90-100

volcs multi-col

volc sh dk brn

volcs multi-col

volc sh gry-grn

volcs gry, rd & brn

WT	71	PH	7.5
VIS	50	SD	Tr
WL	11.5	CL	240ppm
FC	2		

776/62

volc sh rd, rd-brn & brn

volcs multi-col

basalt grn

volc sh rd

volc sh rd & brn

NB NO 16
REED YT1

SURVEY 3° 30'

WT 17-20 TON
PP 1800
RPM 90-100

volcs multi-col

WT	71	PH	7.5
VIS	45	SD	Tr
WL	12.5	CL	260ppm
FC	2		

volc sd med-cse multi-col

777/62

volcs multi-col w/abund crystals

volc sh rd & rd-brn
basalt grn

volcs rd & brn w/ crystals

volc sh rd & rd-brn

volcs gry-grn sdy

WT	72	PH	7.5
VIS	47	SD	Tr
WL	19.2	CL	270ppm
FC	2		

778/62
NB NO 17
HUGHES OSC4G

SURVEY 3° N/G

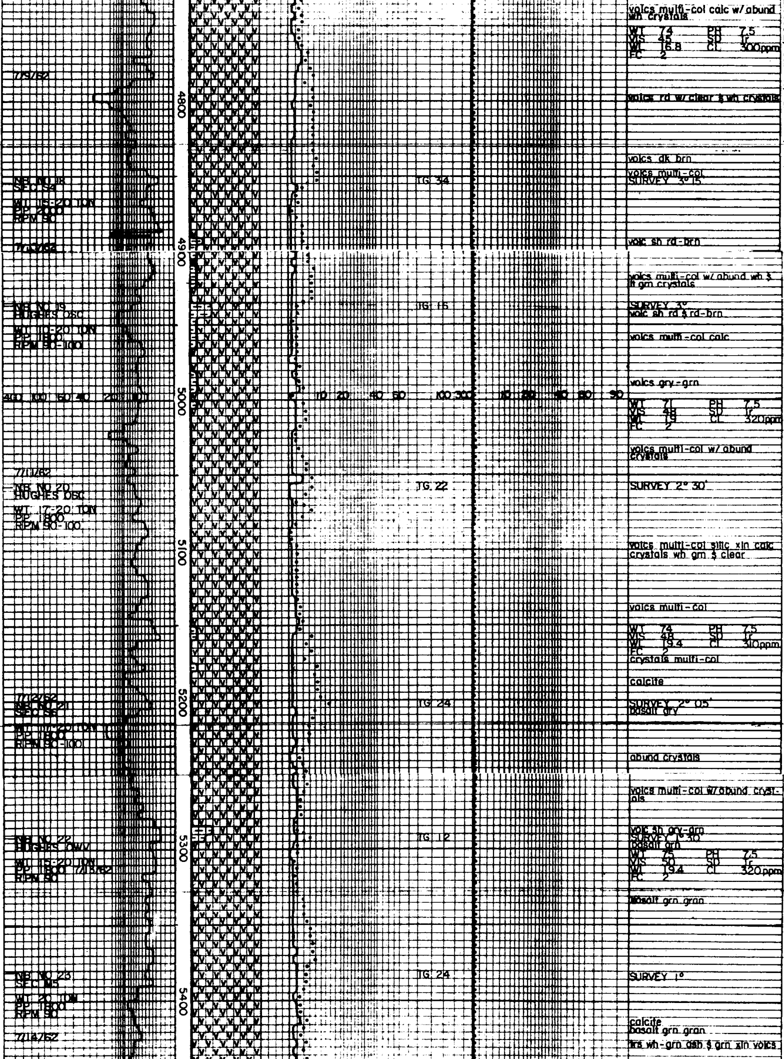
WT 10-15 TON
PP 1800
RPM 90

volcs grn, gry & rd w/ abund crystals

volcs multi-col

SURVEY 3° 45'

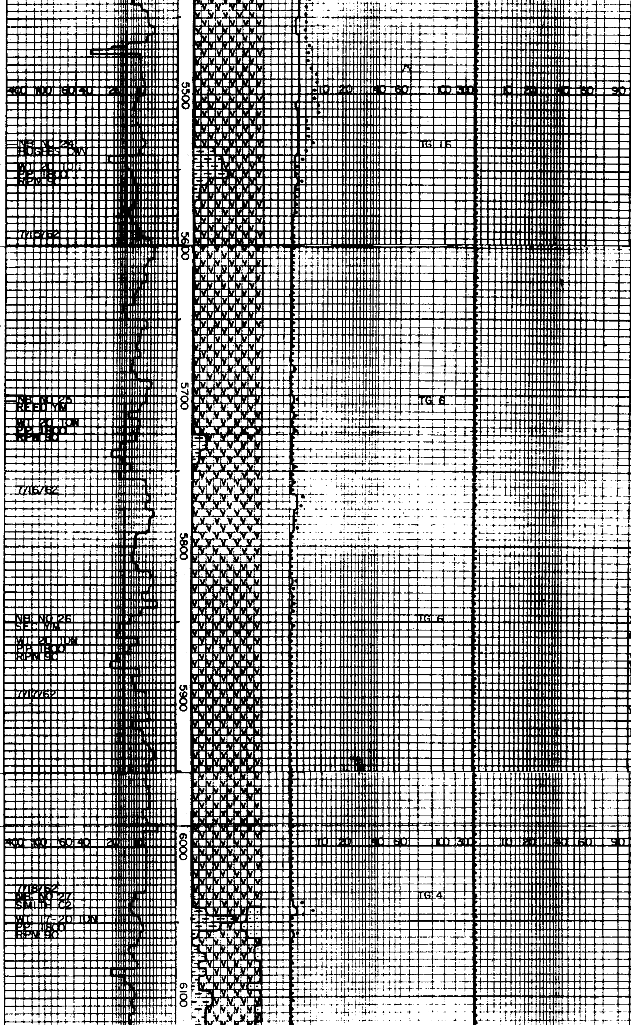
VICE, Box 146, VENTURA, CALIF.
BORST & GIDDENS LOGGING SERVICE, Box 146, VENTURA, CALIF.
BORST & GIDDENS LOGGING S



ERVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING SERVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING SE



basalt grn gran
wh-grn ash $ grn xln volcs

trs rd-brn volcs

SURVEY 1° 15'
volc sh rd, brn $ gry-grn

WT	74	PH	7.5
VIS	50	SD	Tr
WL	21.5	CL	340ppm
FC	3		

abund calcite

volc congl multi-col

volcs rd-brn ashy $ xln
abund calcite

volcs multi-col
basalt grn

volcs multi-col xln
calcite
basalt grn

WT	76	PH	8
VIS	50	SD	Tr
WL	22.3	CL	390ppm
FC	2		

volc sh brn

basalt grn $ dk gry-grn

volcs multi-col

calcite

basalt grn
volcs multi-col

SURVEY 1° 45'

abund wh $ clear crystals

WT	75	PH	9
VIS	55	SD	Tr
WL	15.8	CL	450ppm
FC	2		

volc congl multi-col

basalt dk gry $ grn-gry

volc congl multi-col

basalt dk gry $ grn-gry
trs pyrite $ calcite

WT	74	PH	9.0
VIS	45	SD	Tr
WL	17.2	CL	520ppm
FC	2		

SURVEY 1° 05'

volc sdst lt gry/wh, tan $ brn fn-calc
sh $ sltst dk brn sdy calc carb
trs coal

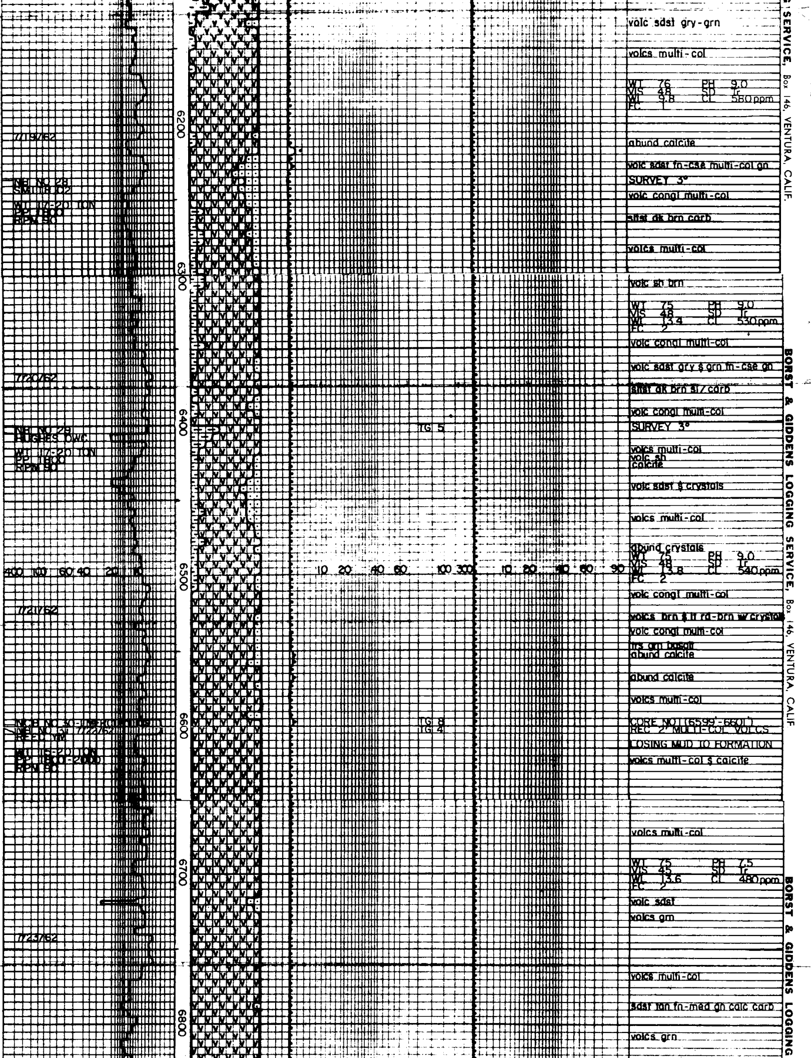
abund calcite
volcs wh $ lt grn calc sdy

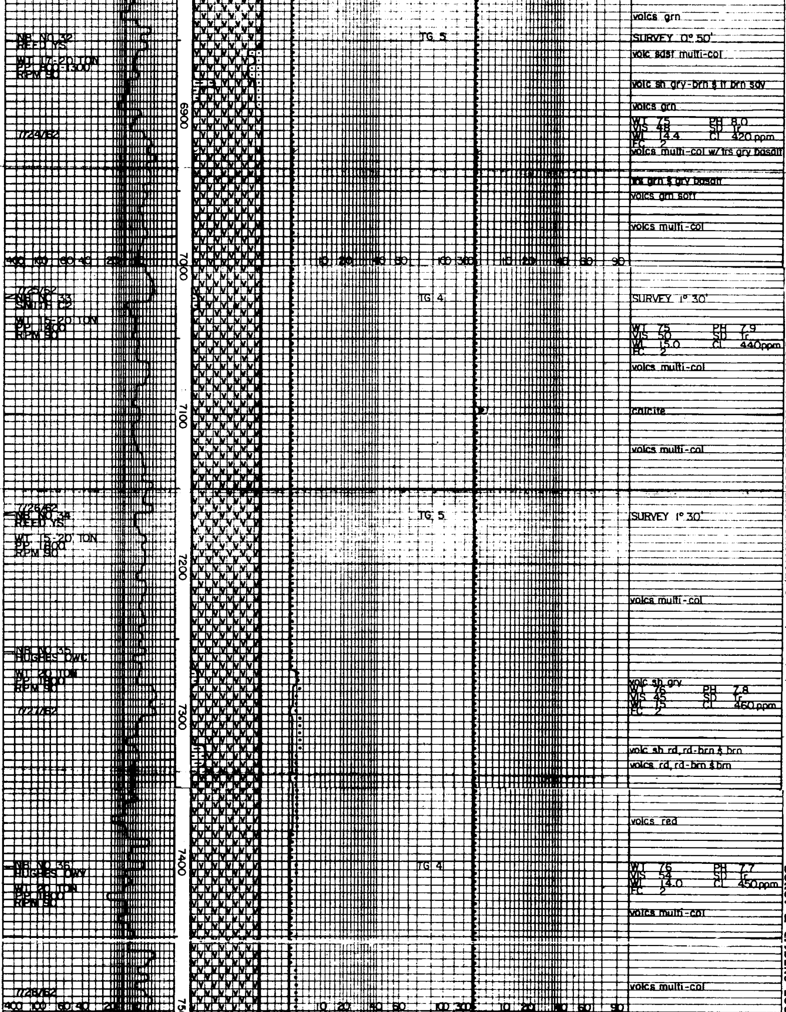
sltst tan $ dk brn calc carb

RVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING SERVICE, Box 146, VENTURA, CALIF.

BORST & GIDDENS LOGGING





NB NO 32
REED YS
WT 17-20 TON
PP 800-1300
RPM 90

7/24/62

7/25/62
NB NO 33
SMITH C2
WT 15-20 TON
PP 1400
RPM 90

7/26/62
NB NO 34
REED YS
WT 15-20 TON
PP 1800
RPM 90

NB NO 35
HUGHES OWC
WT 20 TON
PP 1800
RPM 90

7/27/62

NB NO 36
HUGHES OWV
WT 20 TON
PP 1800
RPM 90

7/28/62

TG 5

TG 4

TG 5

TG 4

volcs grn

SURVEY 0° 50'

volc sdst multi-col

volc sh gry-brn & lt brn sdy

volcs grn

WT 75 PH 8.0
VIS 48 SD Tr
WL 14.4 Cl 420 ppm
FC 2

volcs multi-col w/ trs gry basalt

volc grn & gry basalt

volcs grn soft

volcs multi-col

SURVEY 1° 30'

WT 75 PH 7.9
VIS 50 SD Tr
WL 15.0 Cl 440ppm
FC 2

volcs multi-col

calcite

volcs multi-col

SURVEY 1° 30'

volcs multi-col

volc sh gry
WT 76 PH 7.8
VIS 45 SD Tr
WL 15 Cl 460 ppm
FC 2

volc sh rd, rd-brn & brn

volcs rd, rd-brn & brn

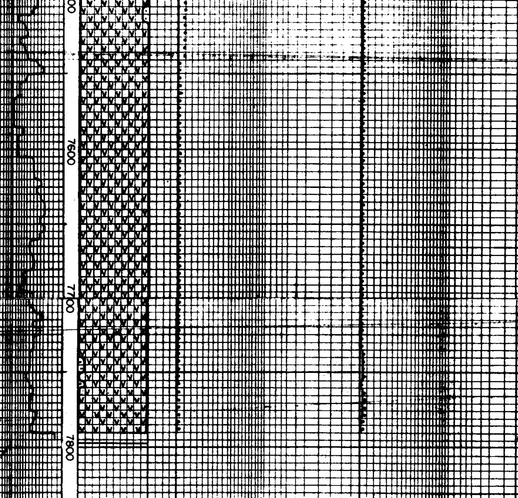
volcs red

WT 76 PH 7.7
VIS 54 SD Tr
WL 14.0 Cl 450ppm
FC 2

volcs multi-col

volcs multi-col

GING SERVICE, Box 146, VENTURA, CALIF.



volcs rd & brn

NB NO 37
REED YH

WT 20 TON
PP 1850
RPM 90

SURVEY 3°

WT 76.5 PH 7.6
VIS 47 SD Tr
WL 14.5 CL 460ppm
FC 2
abund calcite

7/29/62

basalt grn gran w/ multi-col volcs

NB NO 38
REED YH

WT 20 TON
PP 1800
RPM 90

SURVEY 2° 50'

volcs multi-col & grn basalt

volcs multi-col & grn & gry basalt

volc sh brn

7/30/62

NCB C-2
E LOG 7/31/62
TOTAL DEPTH 779[illegible]

C-2 Rec. 7' Multi col vry massive volcs. w/abund. calcite veining.
no odor, stain, or fluor

BORST & GIDDENS