2 HMA

Century Geophysical Corporation
Tulsa, Oklahoma

1202537 N
6455ZZE

DATE 27 MAR 68

COMPANY GETTY OIL CO.
BORE HOLE 5
AREA ANDERSON MINE
COUNTY YAVAPAI
STATE ARIZONA
SECTION TOWNSHIP RANGE
PERMANENT DATUM
LOG MEASURED FROM SURFACE
DRILLING MEASURED FROM 1923'

HOLE NO. 5
SEC TWP RANGE
ELEV. KB 2737 DF GL
AREA ANDERSON MINE
COUNTY YAVAPAI
STATE ARIZONA
COMPANY GETTY OIL CO.
DATE 27 MAR 68
TOTAL DEPTH LOGGED 272'

R. M. DRILLER
MUD WEIGHT
VISCOSITY
FLUID LOSS
RESISTIVITY
CIRCULATION STOKES
LOGGED 7073
LOCATION WERKENBURG ARIZ
RM @ MEAS. TEMP. 3.0 @ 0800
RMF @ MEAS. TEMP. 0.5 @ 0850
RMC @ MEAS. TEMP. 0.8 @
SOURCE RM @ MEAS. TEMP. 4.3 @
RECORDED BY
WITNESSED BY

	INITIAL RUN	GAMMA RAY/NEUTRON (THROUGH TUBING)		
T. D. LOGGED	272 ft.			
SCALE	500 cps	250 cps	250 cps	
GAMMA RAY SCALE	50 cps			
T. C.	2 sec.	2 sec.	2 sec.	
LOGGING SPEED	5 ft./min.	5 ft./min.	5 ft./min.	
TIME CONSTANT	4 sec.			
FROM	115 ft.	93 ft.	30 ft.	
TO	90 ft.	68 ft.	15 ft.	
LOGGING SPEED	15 ft./min.			
CALIBRATION				
TOTAL	25	25	15	
SOURCE NO.	30			
SOURCE VALUE	399 cps			
PROBE SIZE	1 3/8 in.			
REC. FULL SCALE				

PROBE H 113

SELF POTENTIAL
NATURAL GAMMA RAY
COUNTS PER SECOND
CALIPER
RESISTANCE
OHMS

0
16
30
50
68
90
93
100
115
150
200
250
TD 272

19-20=1 @ 100 = 100

7'-28'-7' @ 120 = 360

180-103=3 @ 100 = 46

250 cps T C 2 5' P/MIN

250 cps T C 2 3' P/MIN

500 cps T C 2 5' P/MIN

50 cps T C 4 15' P/MIN

HOLE #3
27 MAR 68

CAL 500 cps T C 8

0 100 200 300 400 500

UNIT 7073
SOURCE # 30 399 cps
PROBE H-113

GEARHART-OWEN NUCLEAR CORPORATION
FORT WORTH, TEXAS
GEARHART-OWEN INDUSTRIES, INC.
GEARHART-OWEN COMPUTER SERVICE
GEARHART-OWEN LOGGING SERVICE
GEARHART-OWEN DRILLING SERVICE
GEARHART-OWEN EQUIPMENT SALES
GEARHART-OWEN MANUFACTURING
GEARHART-OWEN TRAINING
GEARHART-OWEN RESEARCH
GEARHART-OWEN INTERNATIONAL
GEARHART-OWEN PETROLEUM CORPORATION
GEARHART-OWEN EXPLORATION
GEARHART-OWEN DEVELOPMENT
GEARHART-OWEN PRODUCTION
GEARHART-OWEN REAL ESTATE
GEARHART-OWEN INSURANCE
GEARHART-OWEN FINANCE
GEARHART-OWEN LEGAL
GEARHART-OWEN PUBLIC RELATIONS
GEARHART-OWEN ADVERTISING
GEARHART-OWEN PERSONNEL
GEARHART-OWEN SECURITY
GEARHART-OWEN MAINTENANCE
GEARHART-OWEN TRANSPORTATION
GEARHART-OWEN AVIATION
GEARHART-OWEN MARINE
GEARHART-OWEN SPACE
GEARHART-OWEN DEFENSE
GEARHART-OWEN ENVIRONMENTAL
GEARHART-OWEN ENERGY
GEARHART-OWEN ALTERNATIVE ENERGY
GEARHART-OWEN SOLAR ENERGY
GEARHART-OWEN WIND ENERGY
GEARHART-OWEN GEOTHERMAL ENERGY
GEARHART-OWEN NUCLEAR ENERGY
GEARHART-OWEN FUSION ENERGY
GEARHART-OWEN ANTIMATTER ENERGY
GEARHART-OWEN DARK MATTER ENERGY
GEARHART-OWEN QUANTUM ENERGY
GEARHART-OWEN STRING THEORY ENERGY
GEARHART-OWEN M-THEORY ENERGY
GEARHART-OWEN LOOP QUANTUM GRAVITY ENERGY
GEARHART-OWEN CAUSAL DYNAMICAL TRIANGULATION ENERGY
GEARHART-OWEN CAUSAL SET THEORY ENERGY
GEARHART-OWEN TWISTOR THEORY ENERGY
GEARHART-OWEN SPIN FOAM ENERGY
GEARHART-OWEN LOOP REPRESENTATION ENERGY
GEARHART-OWEN CANONICAL QUANTUM GRAVITY ENERGY
GEARHART-OWEN HOLOGRAPHIC PRINCIPLE ENERGY
GEARHART-OWEN AdS/CFT CORRESPONDENCE ENERGY
GEARHART-OWEN BLACK HOLE THERMODYNAMICS ENERGY
GEARHART-OWEN HAWKING RADIATION ENERGY
GEARHART-OWEN UNRUH EFFECT ENERGY
GEARHART-OWEN BEKENSTEIN BOUND ENERGY
GEARHART-OWEN HOLOGRAPHIC BOUND ENERGY
GEARHART-OWEN COVARIANT ENTROPY BOUND ENERGY
GEARHART-OWEN GENERALIZED SECOND LAW OF THERMODYNAMICS ENERGY
GEARHART-OWEN GENERALIZED SECOND LAW OF THERMODYNAMICS ENERGY
GEARHART-OWEN GENERALIZED SECOND LAW OF THERMODYNAMICS ENERGY

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1.0

Century Geophysical Corporation

1203072 N 643983 E

42765N 78832E

COMPANY: GETTY OIL CO

BORE HOLE: ~~26~~ #7

AREA: ANDERSON MINE

COUNTY: YAVAPAI

STATE: ARIZONA

SECTION: TOWNSHIP: RANGE: LOG MEASURED FROM: SURFACE 1936

GAMMA STABILIZED MAGNETIC SPIKES

HOLE NO: #7 ~~26~~

SEC: TWP: RANGE:

AREA: ANDERSON MINE

COUNTY: YAVAPAI

STATE: ARIZONA

COMPANY: GETTY OIL CO.

DATE: 20 MAR 68

TOTAL FEET LOGGED: 5

T.D. DRILLED: 300 FT.

BIT SIZE: 5 1/8 IN. CASING

BORE HOLE FLUID: AIR DRILLED

DENSITY: VISCOSITY:

RESISTIVITY:

OPERATOR: STOKES

UNIT NO: 7073

LOCATION: WICKENBURG, ARIZ.

DRILLER: TIME ON: 16 29

TIME OUT: 17 05

T.D. LOGGED: 294 FT.

GAMMA FULL SCALE: 50 CPS

TIME CONSTANT: 4 SEC

LOGGING SPEED: 15 FT. MIN

CALIBRATION: 500 CPS

SOURCE NO: 30

SOURCE VALUE: 399 CPS

PROBE SIZE: 1 3/8 IN.

REF. FULL SCALE:

SCALE: 50 CPS

T.C. 2 SEC

LOGGING SPEED: 5 FT. MIN

FROM: 140 FT.

TO: 105 FT.

TOTAL: 35

SCALE: 500 CPS

T.C. 2 SEC

LOGGING SPEED: 5 FT. MIN

FROM: 60 FT.

TO: 35 FT.

TOTAL: 25

LOGGING SPEED: 6.4 FT. MIN

TOTAL: 6.8 FT.

TOTAL: 7.2 FT.

CHARGEABLE STANDBY: MIN.

HOLE DRY

PROBE H 113

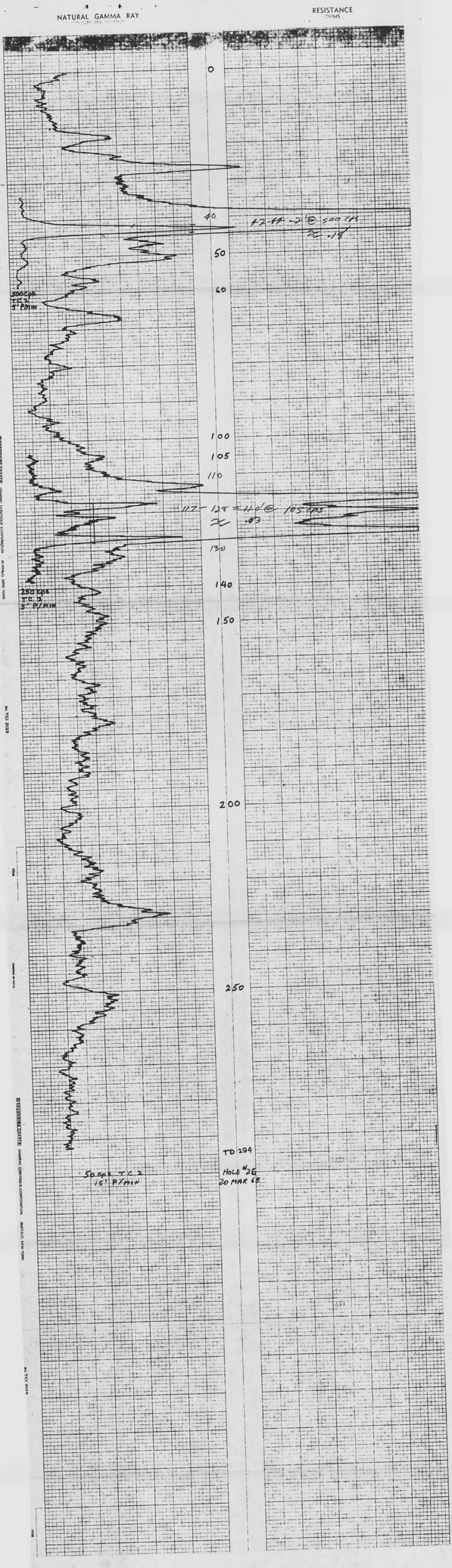
SELF POTENTIAL

NATURAL GAMMA RAY

CALIPER

RESISTANCE

OHMS



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Century Geophysical Corporation

CGC

1202737 N 643521 E

DATE 19 MAR 68

HOLE NO. 8

SEC. TWP. RANGE

T. D. DRILLED 310 FT.

BIT SIZE 5 5/8 CASING

DRILL HOLE FLUID AIR DRILLED

COMPANY GETTY OIL Co.

HOLE NO. 8

AREA ANDERSON MINE

COUNTY YAVAPAI

STATE ARIZONA

SECTION TOWNSHIP RANGE

LOG MEASURED FROM SURFACE 1874'

DRILL FLOOR ELEV. 373

DRILLER

RESISTIVITY

OPERATOR STOKES

UNIT NO. 7073

LOCATION WICKENBURG ARIZ

INITIAL RUN

T. D. LOGGED	309 FT.	SCALE	500 CPS	SCALE	1 K CPS	SCALE	500 CPS	STANDBY	3.0 MIN	TIME SET	13 10
GAMMA FULL SCALE	50 CPS	T.C.	2 SEC.	LOGGING SPEED	5 FT./MIN.	T.C.	2 SEC.	LOGGING SPEED	2.7 MIN.	TIME SET	14 00
TIME CONSTANT	4 SEC.	FROM	165 FT.	FROM	155 FT.	FROM	190 FT.	LOGGING	0.8 MIN.		
LOGGING SPEED	15 FT./MIN.	TO	146 FT.	TO	135 FT.	TO	115 FT.	DETAIL	6.5 MIN.		
CALIBRATION	500 CPS	TOTAL	19	TOTAL	20	TOTAL	25	SPECIFICATION			

SOURCE NO. 30 SOURCE VALUE 399 CPS

PROBE SIZE 1 8 IN.

RES. FULL SCALE 50 MIN.

L.P.

PROBE H 113

SELF POTENTIAL

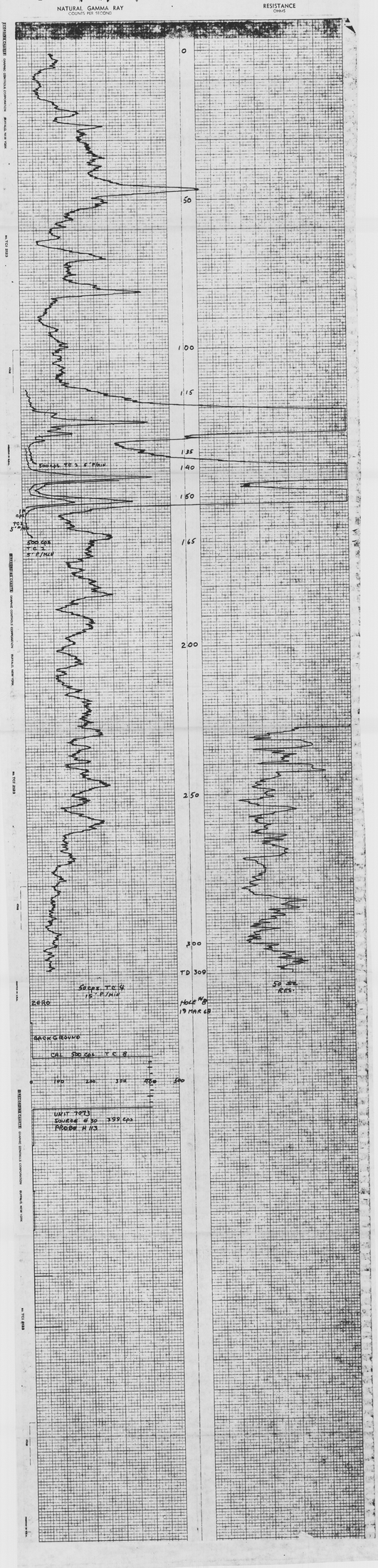
NATURAL GAMMA RAY

COUNTS PER SECOND

CALIPER

RESISTANCE

OHMS



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Century Geophysical Corporation

42640 : 79050 25 MAR 68

GETTY OIL CO.

9

ANDERSON MINE

YAVAPAI

ARIZONA

SURFACE

9 310

5⅛

ANDERSON MINE AIR DRILLED

YAVAPAI

ARIZONA

GETTY OIL CO. STEAGO 7 7/8

25 MAR 68 SBS DICKENSON, ARIZ

	5⅛		500		250	250	20 - 12 05
	30	2	5	2	5	5	1.0 - 12 55
	4		150		120	70	0.8 -
	15		100		100	45	5.4 -
DCL 60			30		20	25	
3F	333 CPS						
	1⅛						

PROBE N 113

SELF POTENTIAL

NATURAL GAMMA RAY

CALIPER

RESISTANCE

0

45

50 53-56 ≈ .07

70

100 111-112 ≈ .05

120 134-136 ≈ .125

150

200

250

300

TD 308

HOLE # 9

25 MAR 68

250 cps TC 2 5" P/MIN

250 cps TC 2 5" P/MIN

500 cps TC 2 5" P/MIN

A

BSMA 7

50 cps TC 4 15" P MIN

ZERO

BACKGROUND

CAL 500 cps TC 8

0 100 200 300 400 500

BACKGND + 399 cps

UNIT 7073

SOURCE N 30 399 cps

PROBE N 113

10

Century Geophysical Corporation

42400 & 80,000

Hole No.	10	T.D. Drilled	270 m
Sec. / Twp. / Range		Pit Size	5 1/8
Area	ANDERSON MINE AIR	Bore Hole Fluid	
County	YAVAPAI	Density	Viscosity
State	ARIZONA	Resistivity	
Company	GETTY OIL Co.	Operator	STOKES
Date	30 MAR 68	Unit No.	7073
Total Feet Logged	323	Location	WICKENBURG, ARIZ

Company	GETTY OIL Co.	Date	30 MAR 68
Bore Hole	10		
Area	ANDERSON MINE		
County	YAVAPAI	State	ARIZONA
Section		Township	
Range		Log Measured From	SURFACE

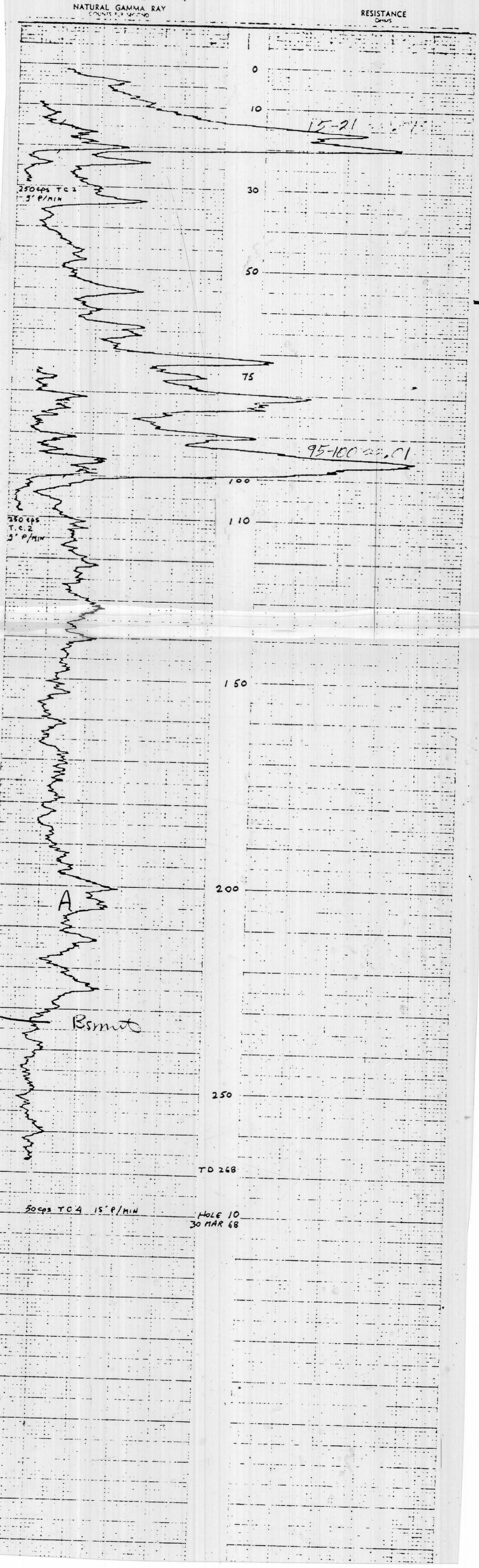
Initial Run		Gamma Reduction					
T.D. Logged	268 ft	Scale	250 cps	Scale	250 cps	Scale	
Gamma Full Scale	50 cps	T.C.	2 sec	T.C.	2 sec	T.C.	
Time Constant	4 sec	From	5 ft min	From	5 ft min	From	
Logging Speed	15 ft min	To	110 ft	To	30 ft	To	
Calibration	500 cps	Total	75 ft	Total	10 ft	Total	
Source No.	30	Source Value	35		20		
Probe Size	1 3/8 in						
Res. Full Scale							
S.P.							

Standby	4.8 min	Time Out	16 15
Logging	0.6 min	Time Out	16 50
Total	5.4 min		
Roundtrip Mileage			
Chargeable Standby			

PROBE H 113

SELF POTENTIAL

NATURAL GAMMA RAY
COUNTS PER SECOND

CALIPER

RESISTANCE
OHMS