CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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Denver, Colo.

DATE	4-2-78
COMPANY	MINERALS EXPLORATION
WELL	AM 871
FIELD	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
ELEVATION	GROUND LEVEL
LOCATION	
DATUM	
DRILLING MEASURED FROM	
T.D. LOGGER	210'
BOREHOLE RECORD	
CASING RECORD	
TIME SINCE CIRCULATION	500 hrs.
TIME SINCE CIRCULATION	60 hrs.
RECORDED BY	
WITNESSED BY	
RUN NO.	ONE
BOREHOLE SIZE	9055-23
TYPE FLUID	NAT SLIM ATM 74H
DENSITY	10.75 LB/GAL
VISCOSITY	55 SEC/QT
PH	7.00
FLUID LOSS	20 ml/30 min
SOURCE OF SAMPLE	
RM @ MEAS. TEMP.	1.135 @ 20 °F
RMF @ MEAS. TEMP.	1 @ 20 °F
RMC @ MEAS. TEMP.	20 @ 20 °F
RM @ BHT	@ °F
TIME SINCE CIRCULATION	
MAX. REC. TEMP.	20 °F
EQUIPMENT LOCATION	
RECORDED BY	
WITNESSED BY	

COMPANY	AM 871
WELL	210'
FIELD	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
LOCATION	MINERALS EXPLR M DODGE
DATE	4-2-78
RUN NO.	ONE
DEPTH-DRILLER	210'
DEPTH-LOGGER	210'
BTM. LOG INTERVAL	210'
TOP LOG INTERVAL	SURFACE
CASING-DRILLER	9 7/8" @ SURFACE
CASING-LOGGER	
BIT SIZE	9 7/8"
TYPE FLUID IN HOLE	WATER
DENSITY	8.0 LB/GAL
VISCOSITY	55 SEC
PH	7.00
FLUID LOSS	20 ml/30 min
SOURCE OF SAMPLE	
RM @ MEAS. TEMP.	1.135 @ 20 °F
RMF @ MEAS. TEMP.	1 @ 20 °F
RMC @ MEAS. TEMP.	20 @ 20 °F
RM @ BHT	@ °F
TIME SINCE CIRCULATION	
MAX. REC. TEMP.	20 °F
EQUIPMENT LOCATION	WILLCOX, AZ
RECORDED BY	
WITNESSED BY	

TOOL TYPE (CIRCLE)			
TOOL NO.	9055-23		
TOOL TYPE	NAT SLIM ATM 74H		
TOOL SERIAL NO.	1075 SLIM	5528 ATM	
TOOL STANDOFF	1.135"	1.00"	
TRACK WIDTH	2"		
PROBE K-FACTOR FROM E.R.D.A. DTD 3-10-78: SLIM 5.10 ATM			
R(w) HARDS (CLYDE)			

SCALE	0 Gas Per Div.	0 Liquid Per Div.	
T.C.	500	0	
SENSITIVITY	5 Div.	5 Div.	
SPEED	60 ft/hr.		
TIME	10 sec.		
DATA			
SCALE	0 Gas Per Div.	0 Liquid Per Div.	
T.C.	500	0	
SENSITIVITY	5 Div.	5 Div.	
SPEED	60 ft/hr.		
TIME	10 sec.		
DATA			

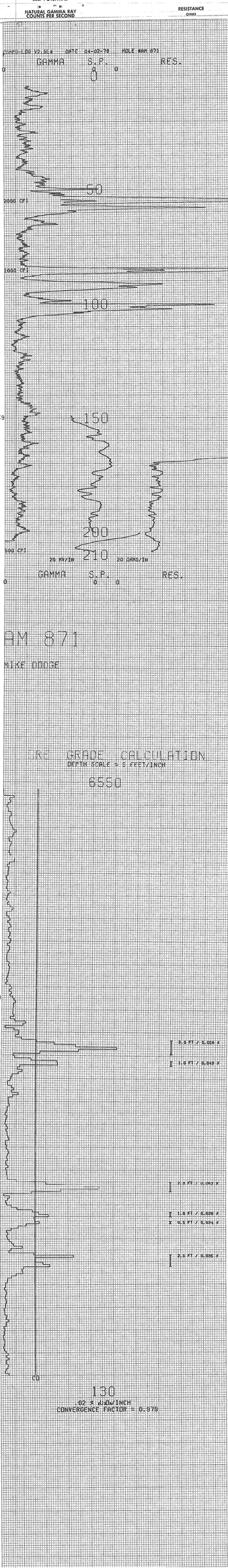
0.25 =	1430
0.35 =	1515
0.75 =	1
1.25 =	

SELF POTENTIAL

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS

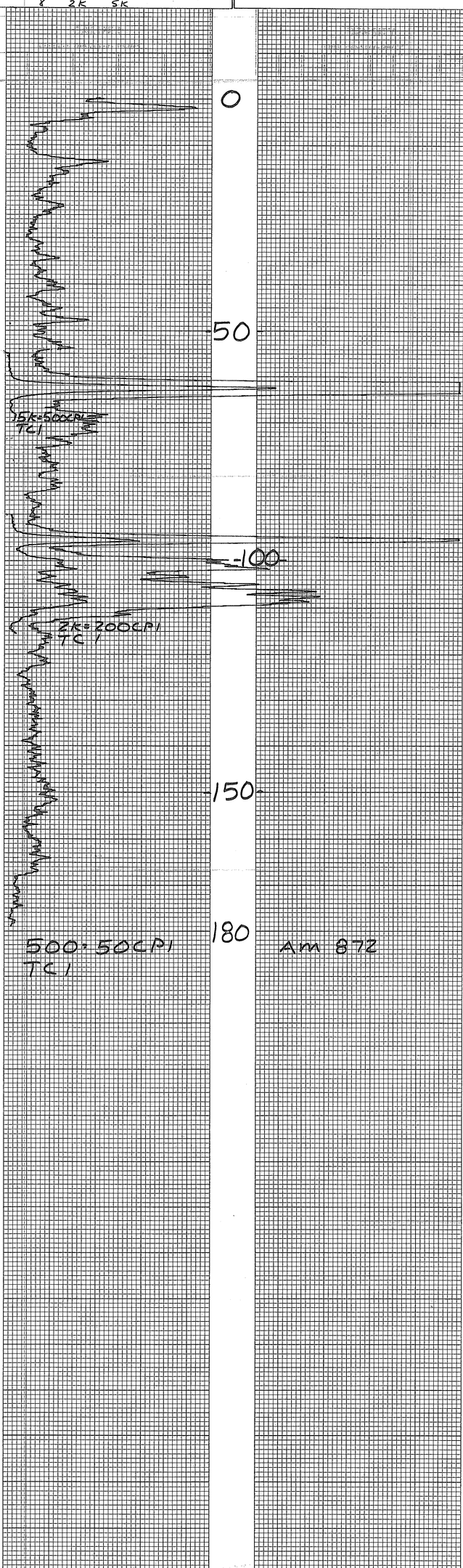


MINERALS EXPLORATION CO.

CASPER, WYOMI

AREA	ANDERSON MINE		
GRID POINT		ELEVATION	HOLE NO. AM 872
COUNTY YAVAPAI		STATE AZ	~~GAMMA GAMMA DENSITY~~
SEC.	TWP.	RGE.	

BOREHOLE DATA			LOG DATA		
DATE	3-20-78		TOTAL DEPTH LOGGED	180	FT.
DRILLER	AL/UNIVERSAL		TOTAL FOOTAGE LOGGED	220	FT.
DRILLER DEPTH	180	FT.	LOG SPEED	15	FT./MIN.
BIT SIZE	5 1/8	IN.	LOG SCALE	500=50 CPS/IN.	T.C. 1
FLUID LEVEL		FT.	DETECTOR TYPE SCINT	DETECTOR SIZE	
CSG.	K=6.00E-5, Dt=9.2 μs		DECENTRALIZED	CENTRALIZED	
	RERUN		SOURCE TYPE	SOURCE SIZE	
REMARKS	BOT 115 70		TRK. NO. 61		
	TOP 90 55		OPERATOR ERICKSON		
	TOT 25 15				
	γ 2K 5K				



MINERALS EXPLORATION CO.

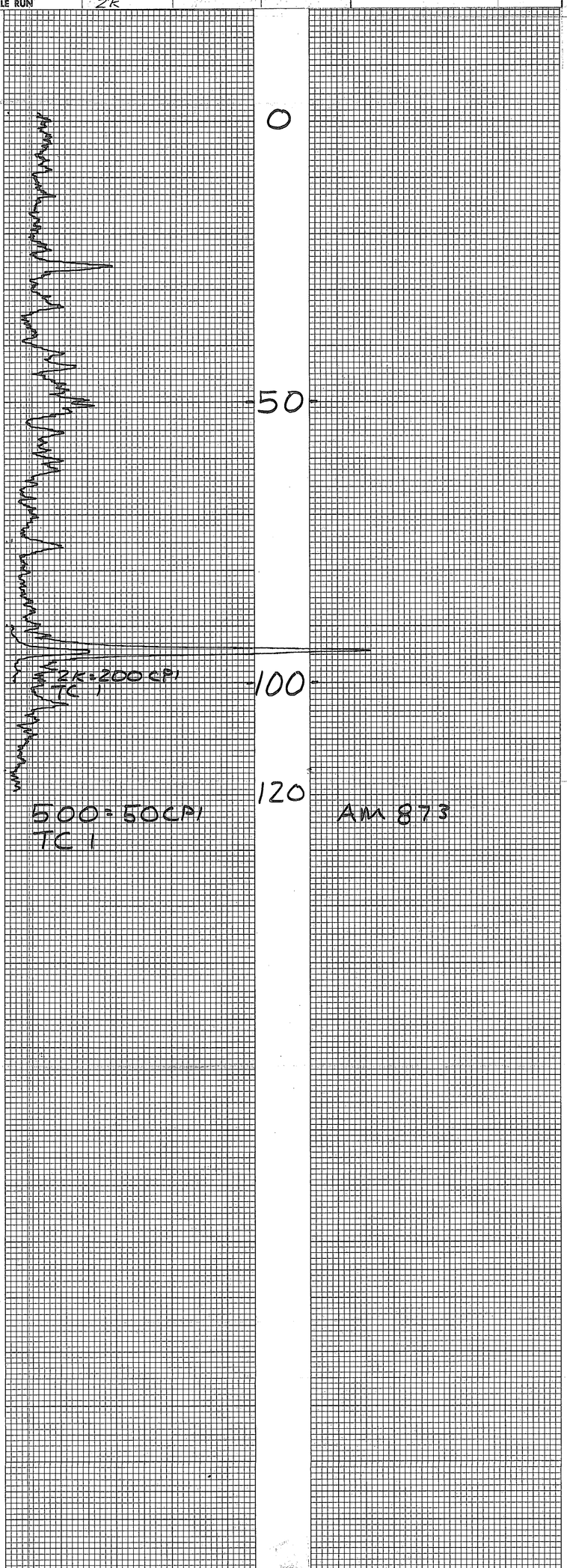
CASPER, WYOMING

HOLE NO. AM 873

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	6.00E-5
		DEAD TIME	9.2 μs
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	3-27-78	CALIPER	–
DEPTH DRILLED	120	DIRECTIONAL SURVEY	–
DEPTH LOGGED	120	TEMPERATURE	–
FOOTAGE LOGGED		OPERATOR	ERICKSON
HOLE DIAMETER	5 1/8	DRILLER	JIM
WATER FACTOR	–	CONTRACTOR	HARRIS
RESISTIVITY	– OHMS/INCH	LAST A.E.C. PIT RUN	2-24-78
SELF POTENTIAL	– M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	100		
TOP	90		
TOTAL FEET	10		
SCALE RUN	2K		

REMARKS:



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No. 50-1033
RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
PRINTED IN U.S.A.

Gamma Logging Corporation
Denver, Colo.

COUNTY OR PARISH		AM 874	375'
COMPANY OR OWNER	MINERALS EXPLORATION	DATE 4-11-78	
WELL	AM 874		
FIELD	ANDERSON MINE		
COUNTY	YAVAPAI		
DATE	4-11-78		
OPERATOR			
RECORDED BY			
WITNESSED BY			
DATE			
TYPE LOG			
DATUM			
ELEV.			
DRILLING MEASURED FROM			
DRILL PIPE			
DRILL COLLAR			
BOTTOM DRILLER			
BOTTOM LOGGER			
TOP LOGGED INTERVAL			
TYPE FLUID IN HOLE			
MAX. REC. TEMP.			
EQUIPMENT NO.			
LOCATION			
RECORDED BY			
WITNESSED BY			

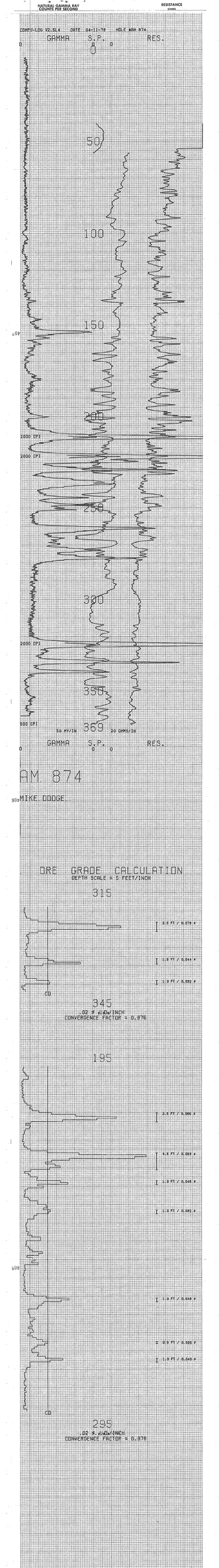
ANDERSON MINE			
YAVAPAI			
ARIZONA			
MINERAL ERR	M DODGE		
4-11-78	7700		
ARIZONA			
0.27	1500		
	1400		
0.75			
10			

RUN NO.	ONE						
DATE	4-11-78						
TYPE LOG	NGT						
BOTTOM DRILLER							
BOTTOM LOGGER							
CASING DRILLER	200						
CASING LOGGER	60						
BIT SIZE							
TYPE FLUID IN HOLE							
DENSITY							
LEVEL							
MAX. REC. TEMP.							
EQUIPMENT NO.							
LOCATION							
RECORDED BY							
WITNESSED BY							

RUN NO.							
DATE							
TYPE LOG							
BOTTOM DRILLER							
BOTTOM LOGGER							
CASING DRILLER							
CASING LOGGER							
BIT SIZE							
TYPE FLUID IN HOLE							
DENSITY							
LEVEL							
MAX. REC. TEMP.							
EQUIPMENT NO.							
LOCATION							
RECORDED BY							
WITNESSED BY							

9657-23	1/78	TRACE USED: 64	
NGT SCINT. KEY: 7H-4		PROBE K-FACTOR FROM EROAP.12 2.10-78: 5.685×10⁻⁴	
1.075 MIKE 5.55×10⁻⁴		RGI UNIVERSAL (A)	
1.187	1.00		
	20 mm		
	60 mm		

SELF POTENTIAL — NATURAL GAMMA RAY COUNTS PER SECOND — RESISTANCE OHMS — DENSITY



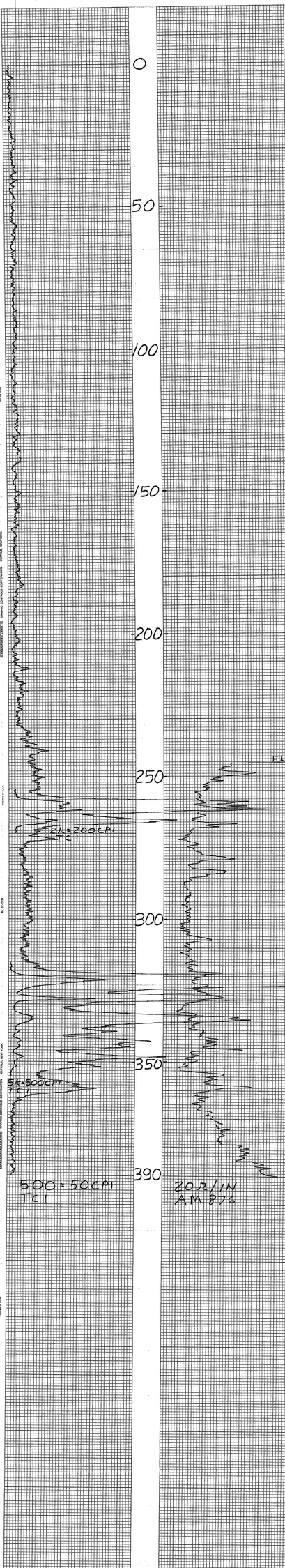
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	4-12-78		
DEPTH DRILLED	390		
DEPTH LOGGED	390		
FOOTAGE LOGGED			
HOLE DIAMETER	5/8		
WATER FACTOR	1.2		
RESISTIVITY	20	OHMS/INCH	
SELF POTENTIAL	—	M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	355	270	
TOP	315	255	
TOTAL FEET	40	15	
SCALE RUN	5K	2K	

HOLE NO. AM 876

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.3 E-5
DEAD TIME	9.2 MS
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	JIM
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	245
REMARKS:	



MINERALS EXPLORATION CO.

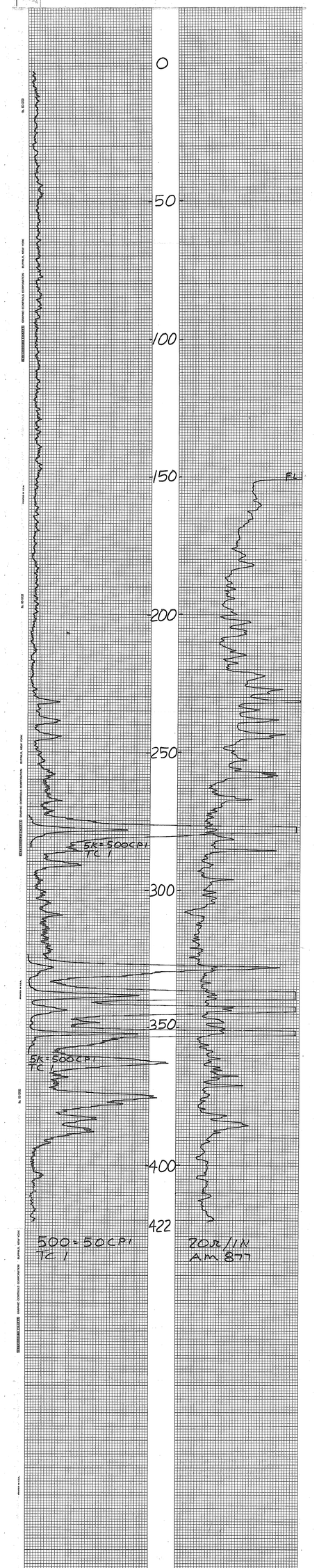
CASPER, WYOMING

HOLE NO. AM 877

LOCATION	ALDERSON MINE	GAMMA SCALE	500=50 CPI
COUNTY	YAVAPAI	STATE AZ	PROBE TYPE	SCINT
GP.		ELEV.	K-FACTOR	6.3 E-5
			DEAD TIME	9.2 uS
			TIME CONSTANT	1
SEC.	TWP.	RGE.	PROBE DIA.	1 5/8
DATE	4-12-78		CALIPER	–
DEPTH DRILLED	440		DIRECTIONAL SURVEY	–
DEPTH LOGGED	422		TEMPERATURE	–
FOOTAGE LOGGED			OPERATOR	ERICKSON
HOLE DIAMETER	5 1/8		DRILLER	CHARLE HARRIS
WATER FACTOR	1.2		CONTRACTOR	
RESISTIVITY	20 OHMS/INCH		LAST A.E.C. PIT RUN	2-24-78
SELF POTENTIAL	– M.V./IN.		FLUID LEVEL	150

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	360	285	
TOP	325	275	
TOTAL FEET	35	10	
SCALE RUN	5K	5K	

REMARKS:



Century Geophysical Corporation
Denver, Colo.

COMPANY	MINERALS EXPLORATION	RUN NO.	AM878
		DATE	3-27-78
FIELD	AM 878	COUNTY	ANDERSON MINE
	ANDERSON MINE	STATE	YAVAPAI ARIZONA
COUNTY	YAVAPAI	STATE	ARIZONA
		DATE	3-27-78
			GROUND LEVEL 356'

RUN NO.	AM878		360
DATE			6.5
COUNTY	ANDERSON MINE		WIN-FOAM
STATE	YAVAPAI ARIZONA		
	MARSHALL EARLE		M. DODGE
DATE	3-27-78		7750
	GROUND LEVEL 356'		WIKEDODGE/PE

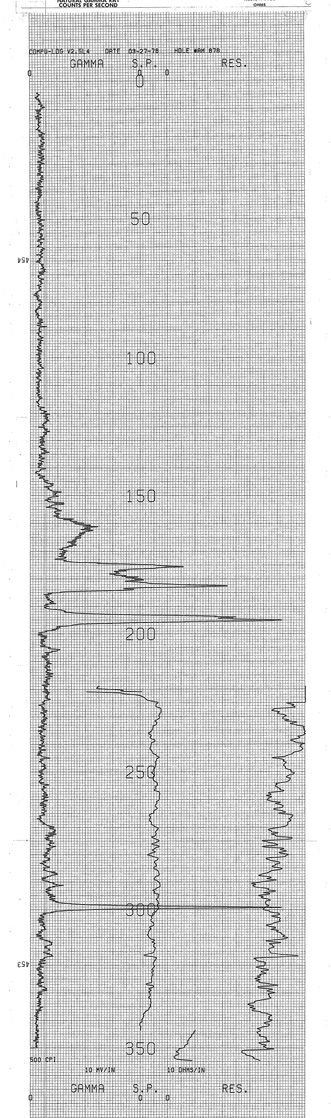
			0.22 - 1630
			0.75 - 1715
			0.75 -
			1.75 -

C.S. NUMBER	356'		
CASING SIZE	500		
CASING DEPTH	60		
FLUID LEVEL & PRESSURE			
CASING NO.	CASING TYPE		
305-23	TYPE		
DATE SUNT. KM.	TRACE USED: 4		
LOTS-SL	PROBE K-FACTOR FROM E.R.D.A. P.M. 3-10-78: 5.45 x 10^-6		
5.5 x 10^-6	RIO VENTURE (ED)		
LINE	100		
10	1		
	10		

SELF POTENTIAL — DENSITY

NATURAL GAMMA RAY COUNTS PER SECOND — RESISTANCE OHMS

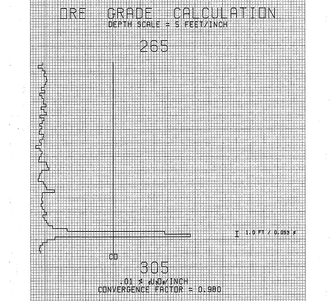
COMPS-LOG V2.SLK DATE 03-27-78 HOLE #AM 878



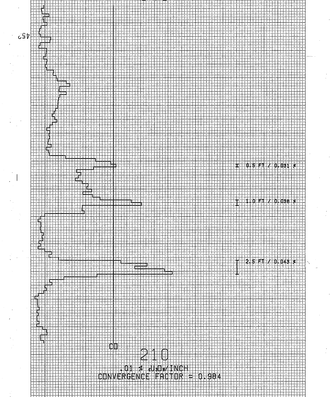
AM 878

MIKE DODGE

ORE GRADE CALCULATION
DEPTH SCALE = 5 FEET/INCH



.01 = HOW/INCH
CONVERGENCE FACTOR = 0.980



.01 = HOW/INCH
CONVERGENCE FACTOR = 0.984

MINERALS EXPLORATION CO.

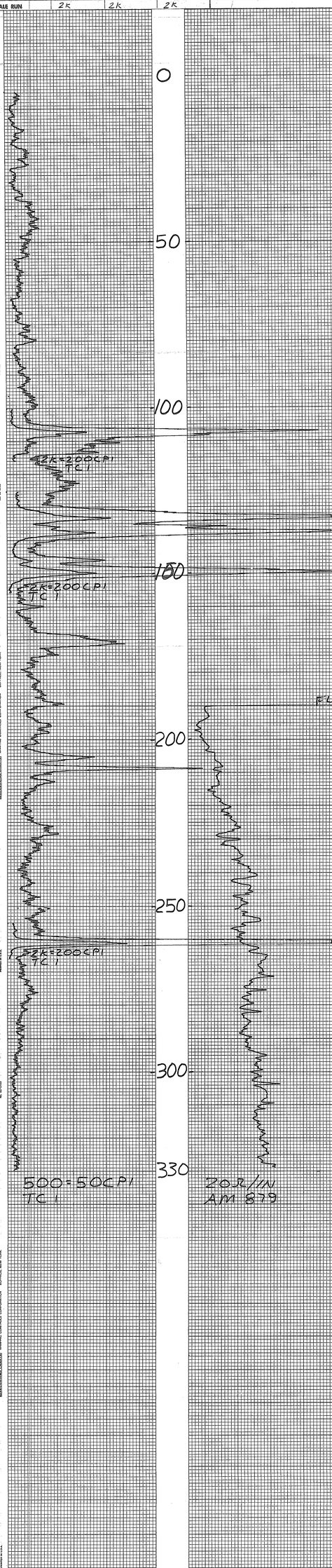
CASPER, WYOMING

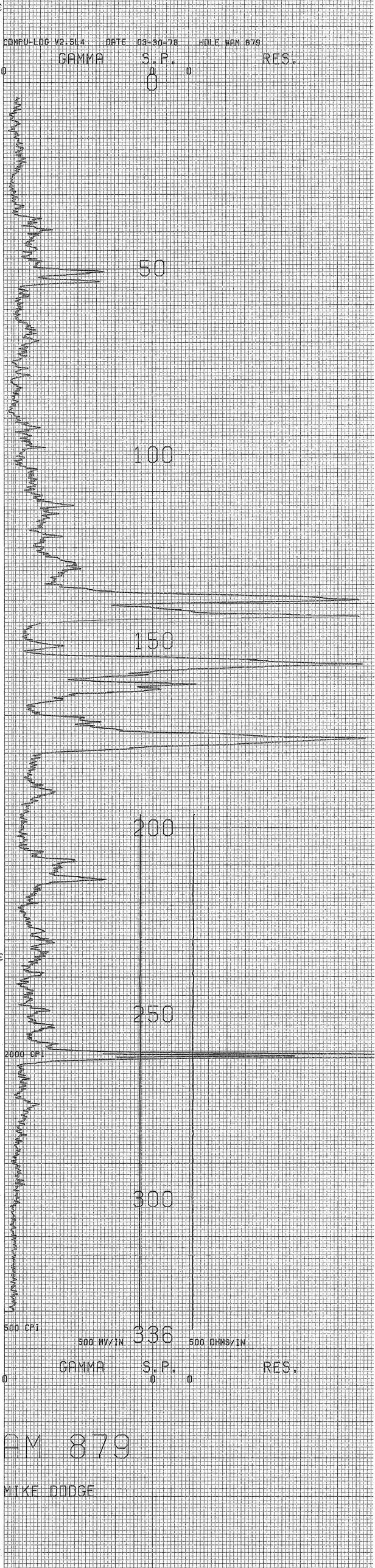
HOLE NO. Am 879

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
SP.	ELEV.
SEC.	TWP. RGE.
DATE	3-29-78
DEPTH DRILLED	330
DEPTH LOGGED	330
FOOTAGE LOGGED	
HOLE DIAMETER	5/8
WATER FACTOR	1.2
RESISTIVITY	20 OHMS/INCH
SELF POTENTIAL	— M.V./IN.

	1ST. RUN	2ND. RUN	3RD. RUN
RERUNS			
BOTTOM	265	185	115
TOP	255	125	100
TOTAL FEET	10	30	15
SCALE RUN	2K	2K	2K

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	600 E-5
DEAD TIME	9.2uS
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	AL
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	190
REMARKS:	




367
COMPU-LOG V2.5L4 DATE 03-30-78 HOLE #AM 879
GAMMA S.P. RES.
0 0 0
50
100
150
200
250
2000 CPI
300
500 CPI
500 MV/IN
336
500 OHMS/IN
GAMMA S.P. RES.
0 0 0
AM 879
MIKE DODGE

Century Geophysical Corporation
Denver, Colo.

-3564-4 LP 107485

COMPANY	MINERALS EXPLORATION
ORE HOLE	AM 880
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
SECTION	TOWNSHIP / RANGE
DATE	3-30-78
ELEV.	270'
SEC. / TWP. / RANGE	
BIT SIZE	5 in.
CASING	ft.
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
COMPANY	MINERALS EXPLOR.
DATE	3-30-78
TOTAL FOOTAGE DRILLED	268'
BORE HOLE FLUID	H2O + FOAM
SURFACE	VISCOSITY
RESISTIVITY	
OPERATOR	M. DODGE
UNIT NO.	750
LOCATION	WICKENBURG, AZ.
DATE	3-30-78
TIME IN	1800
TIME OUT	1845
STAND BY	0.25 Hrs.
LOGGING	0.75 Hrs.
TOTAL	1.5 Hrs.
EQUIPMENT MILEAGE	Miles
CHARGEABLE STANDBY	Hrs.

GAMMA SERIES (initial run offset)

INITIAL RUN					
D. LOGGED	268'	SCALE	SCALE	SCALE	
GAMMA SCALE	500 Cps. Per In.	E.C. / LOGGING SPEED Sec. / Ft./Min.	E.C. / LOGGING SPEED Sec. / Ft./Min.	I.C. / LOGGING SPEED Sec. / Ft./Min.	Cps. Per In.
TIME CONSTANT	60 Ft./Min.	FROM Ft.	FROM Ft.	FROM Ft.	
CALIBRATION & PROBE DATA		TO Ft.	TO Ft.	TO Ft.	
SOURCE NO.	SOURCE VALUE	TOTAL	TOTAL	TOTAL	

PROBE NO.	9055-23
PROBE SIZE	1 7/8 In.
DETECTOR	NaI SCINT. XTAL 7/8"-4"
TYPE & SIZE	
DETECTOR	1.075 μsec.
CALIBRATION	5.58×10⁻⁶
WATER FACTOR	1.135
AIR FACTOR	1.00
SEL. SCALE	10 ohms per 1 inches
I.P.	10 Mv/In.

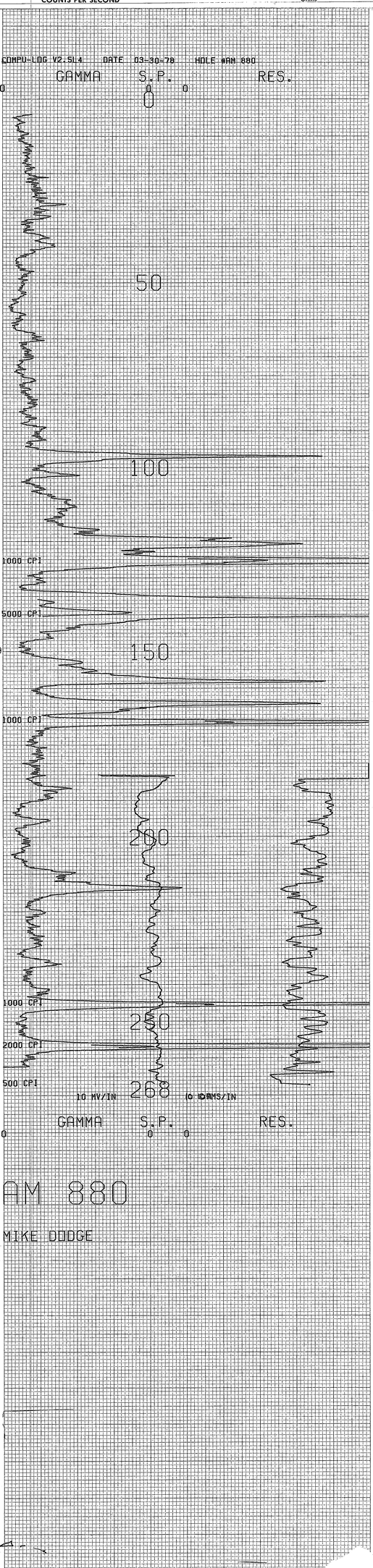
TRACK USED: #4
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10^{-6}
RIG: UNIVERSAL (AL)

SELF POTENTIAL — MV — +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS

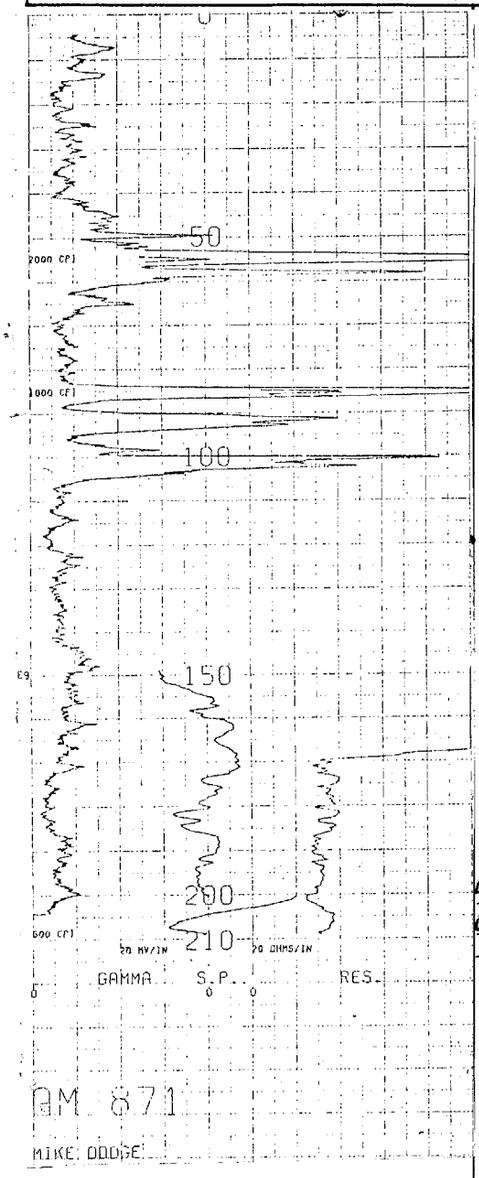


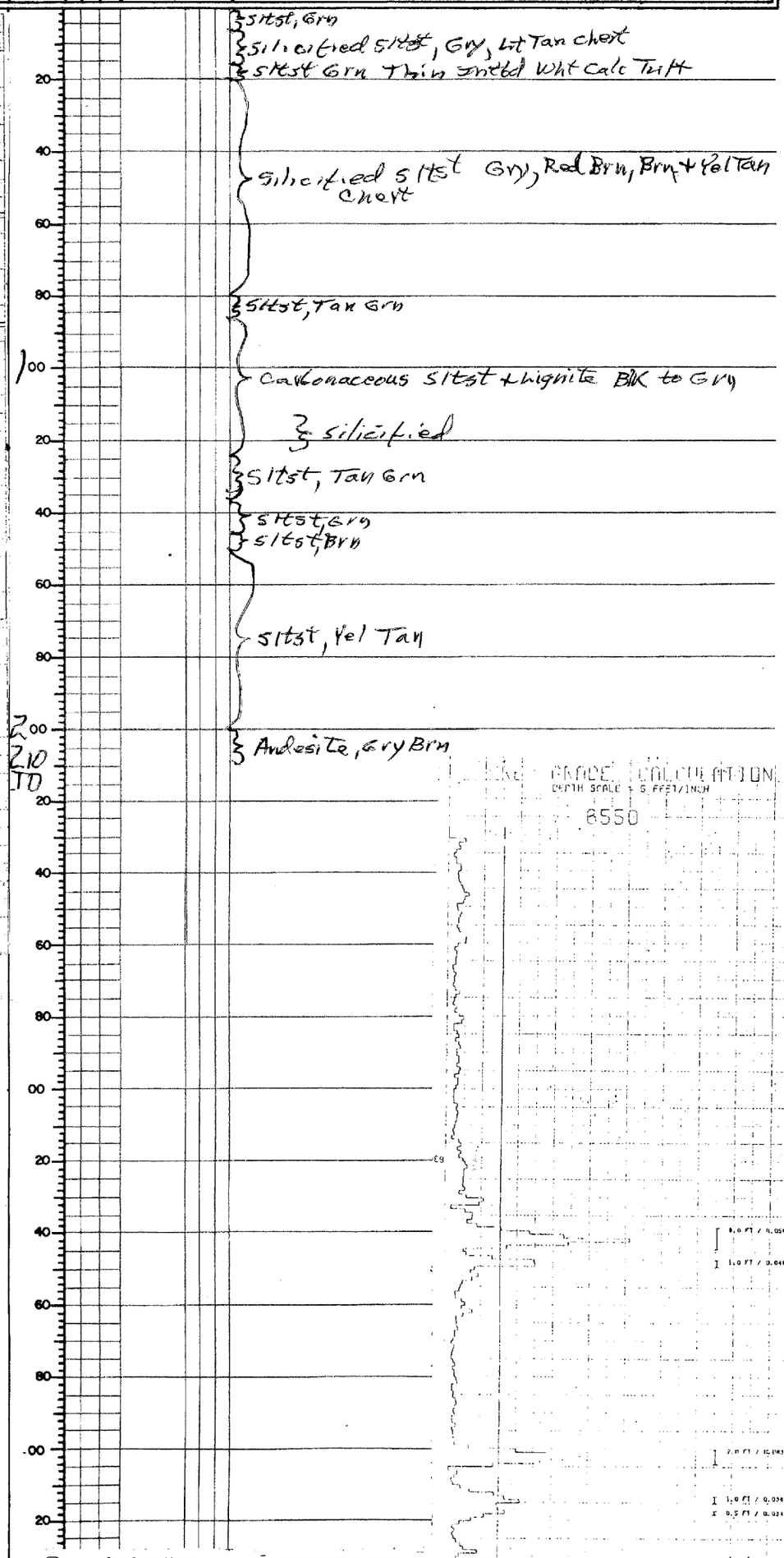
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM871

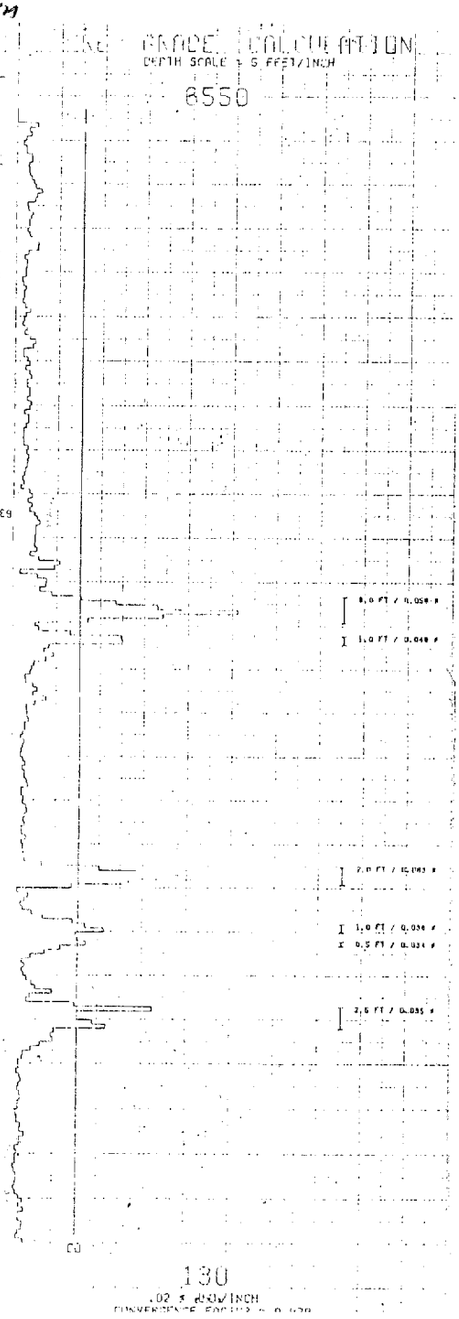
ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** CZH **DATE** 4 2 78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 210 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG







Century Geophysical Corporation
Denver, Colo

MINERALS EXPLORATION
AM 871
ANDERSON MINE
YAVAPAI
ARIZONA

4-2-78
ARIZONA
GROUND LEVEL

AM 871 — 210'
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLR
4-2-78
210'

MIKE DODGE
7750
WICKENBURG, AZ.
0.25 - 1430
0.25 - 1515
0.75
1.25

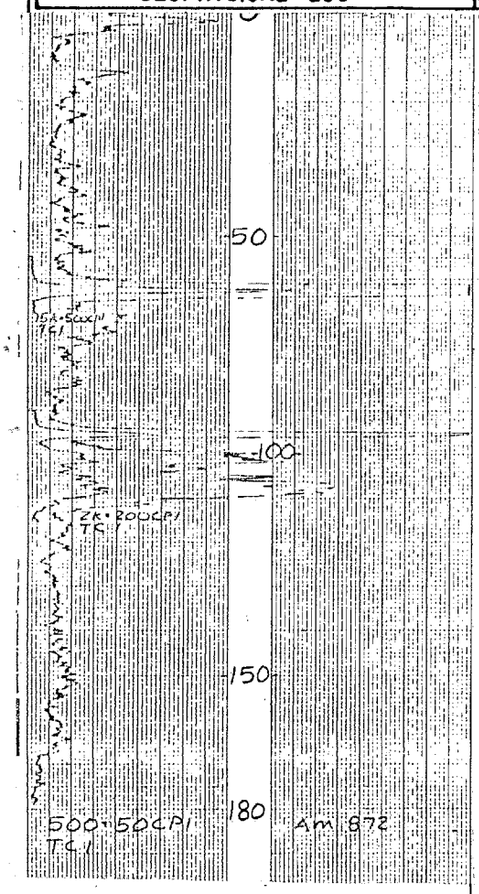
9055-23 1/79 - TRACK USED: #2
NaI SCINT. X-tal 7614 PROBE K-FACTOR FROM E.R.D.A. Rpt 3-10-78: 5.695×10⁴
1.075 μR/HR 5.58×10⁴ RIGS HARRIS (CANDE)
1.135 1.00
20 1
20

PROJECT ANDERSON MINE HOLE SIZE 5 ☒ AIR ☐ WATER HOLE NO. AM 872

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 20 MAR 78

SECTION 9 TOWNSHIP 11N RANGE 10W T.D. 180 P.D. _____

UNIVERSAL – MINERALS #61

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-5 SOIL
						5-15 BLUE GRAY SILACEOUS SHALE
						15-45 WHITE SHALE W/ SOME SILICIFIED ZONES
						45-50 RED CHERT
						50-65 OLIVE GREEN SILACEOUS SHALE
						65-80 BLUE GRAY + RED CHERT
						80-90 RED SILT
						90-105 BLACK LIGNITE
						105-130 DK GRAY LIGNITE SHALE
						130-145 OLIVE GREEN SILT
						145-170 BROWN SILT
						170-180 ANDESITE

Box 21

MINERALS EXPLORATION CO. CASPER, WYOMING

AREA ANDERSON MINE GRID POINT ELEVATION HOLE NO. AM 872

COUNTY YAVAPAI STATE AZ

SEC. TWP. RGE.

GAMMA-GAMMA DENSITY

BOREHOLE DATA

DATE 3-20-78

DRILLER AL/UNIVERSAL

DRILLED DEPTH 180 ft

DIA. BIT 8 7/8 in

FLUID LEVEL ft

FLUID

ESTIMATED KEROSENE

MOT 115 70

STOP 90 65

TOT 25 15

SEC 8 25 35

SEND DATA

TOTAL DEPTH LOGGED 180 ft

TOTAL SCREENING FOUND 180 ft

LOG MADE 15 ft/min

LOG MADE BY 8400-30 CPS/IN ft

SCALE MAX TYPE SLIMIT

DISCRIMINATOR

SOURCE TYPE

SOURCE SIZE

DETECTOR SIZE

SAMPLE SIZE

CAL BY SAT

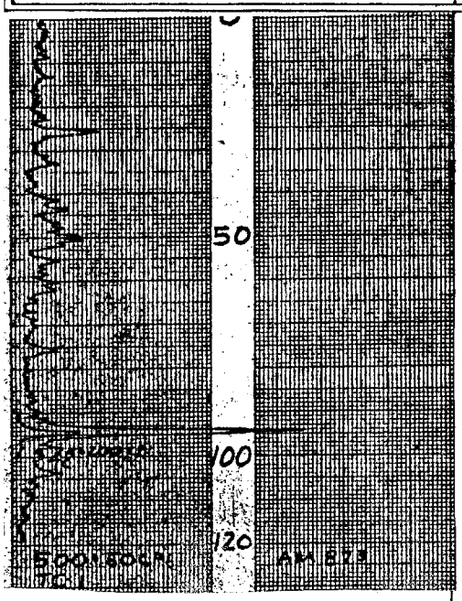
OPERATOR DARIN BANON

PROJECT ANDERSON MINE HOLE SIZE ☑ AIR ☐ WATER HOLE NO. AM 873

ELEVATION NORTH EAST LOGGED BY K. TAYLOR DATE 3/26/78

SECTION TOWNSHIP RANGE T.D. 120 P.D.

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					green mudstone
	40					interbd green mudstn + white (calc?) mudstn.
	60					pink chert. highly siliceous green mudstn
	80					dk grey to dk green highly siliceous mudstn. dk green highly siliceous mudstn.
	100					interbd green siliceous mudstn. + red siliceous mudstn.
	20					dk grey andesite
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 873

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
SP.		SURV.	
DATE	2-22-78		
DEPTH DRILLED	120		
DEPTH LOGGED	120		
PROBABLE LOGGED			
HOLE DIAMETER	5 7/8		
WATER FACTOR	—		
SENSITIVITY	—		
TOP FORMATION	—		
DRAWN			
BOTTOM	100		
TOP	90		
TOTAL FEET	10		
SCALE DIV	2A		

CASING TYPE	500 x 50 CPS
PRIME TYPE	Scint
CASING	6.00 x 5
CASING TYPE	8 1/4
TIME CONSTANT	1
PRIME NO.	156
GRAPHS	—
PROCESSING SCALE	5
TEMPERATURE	—
OPERATOR	Erickson
DRAWN	Jim
CONTRACTOR	Harris
LAST A.C.C. BY DATE	2-24-78
FLOOD LEVEL	
REMARKS	

PROJECT _____ HOLE SIZE 5 ☐ AIR ☑ WATER HOLE NO. AM 874

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 11 MAR 78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 375 P.D. _____

UNIVERSAL - CENTURY

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-125 RED BROWN CONG.
	20					125-210 OLIVE GREEN SILTY CLAY
	40					210-285 V. DARK GRAY SILTY LIGNITE
	60					285-330 OLIVE BROWN SILTY CLAY
	80					330-345 DARK GRAY CARB. CLAY
	00					345-375 RED-YELLOWISH BROWN SAND OR AGGLOM.
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 876

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 4/12/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 390 **P.D.** _____

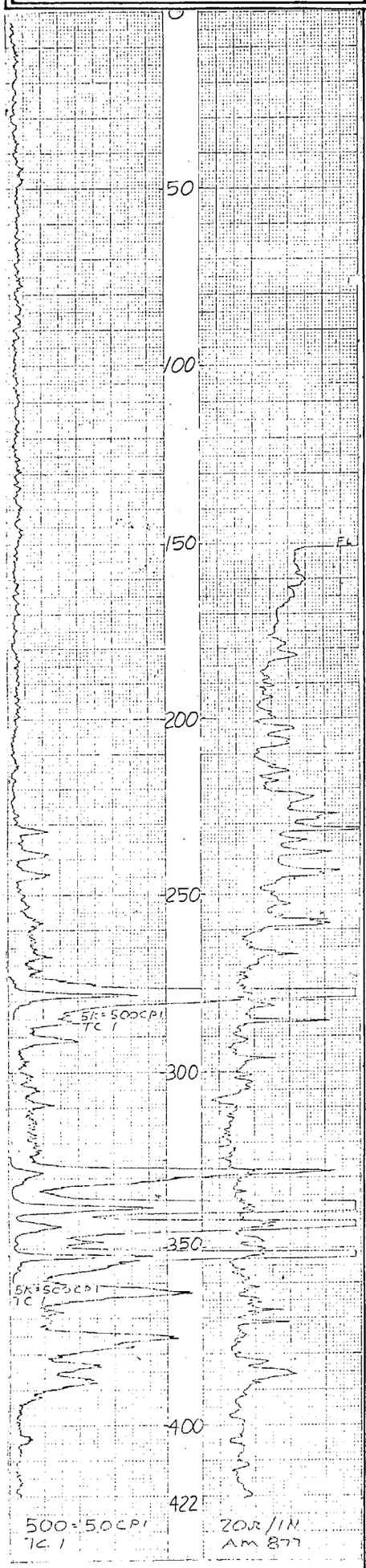
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					brown mudstn
	40					
	60					
	80					
	100					
	20					
	40					greenish brown mudstn.
	60					
	80					
	200					interbd green & white mudstn.
	20					
	40					green mudstn.
	60					interbd, green, lt green, dk grey siliceous mudstn.
						interbd green & white mudstn.
	80					grey green siliceous mudstn.
						green mudstone
	300					interbd dk grey, green, tan siliceous mudstns.
	20					
						dk grey mudstn & lignite
	40					
						dk. grey, grey & blue green mudstns.
						blue green mudstn.
	60					interbd blue green & brownish red mudstn.
						brownish red mudstn.
	80					red andesite frags. & red mudstn
	390					
	400					
	20					
	40					
	60					
	80					
	00					

PROJECT ANDERSON MINE HOLE SIZE 5 ☑ AIR ☐ WATER HOLE NO. AM 877

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 12 APRIL

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 440 P.D. _____

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-10 WHITE CONG.
						10-140 BROWN CONGLOMERATE
						140-145 BROWN V.C. SAND
						145-150 TAN SILT
						150-155 OLIVE GREEN CLAY
						155-160 V.F. SAND + SILT-TAN
						160-165 V.C. -M. SAND
						165-180 TAN SILT
						180-185 V.C. -M SAND
						185-200 BROWN CLAY
						200-220 WHITE SILACEOUS SILT
						220-225 WHITE SILTY CLAY
						225-265 WHITE SILACEOUS SILT
						265-280 OLIVE GREEN CLAY
						280-290 BLACK LIGNITIC SHALE
						290-295 LIGNITE W/ WHITE SILT
						295-310 WHITE SILACEOUS SILT
						310-320 OLIVE GREEN SILT
						320-335 OLIVE GREEN SILT
						335-375 BLACK LIGNITE
						375-380 DK GREEN CLAY
						380-390 BLACK LIGNITE AND BROWN CLAY
						390-400 BROWN CLAY
						400-410 BLACK LIGNITE + BROWN CLAY
						410-420 BROWN SILT
						420-440 RED ANDESITIC AGGLOMERATE

MINERALS EXPLORATION CO.

CASPER, WYOMING

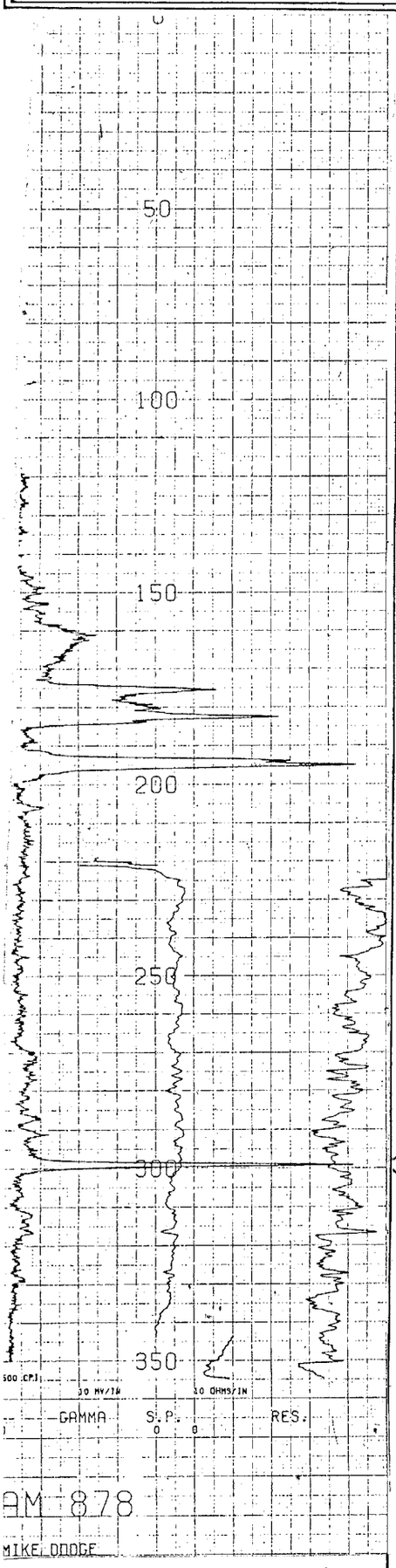
LOCATION	ANDERSON MINE	HOLE NO.	AM 877
COUNTY	YAVAPAI	STATE AZ	GAMMA SCALE 500=50CPI
GP.		ELEV.	PROBE TYPE SCINT
SEC.	TWP.	RGE.	K FACTOR 6.2 E-5
DATE	4-12-79		DEAD TIME 9.2 μsec
DEPTH DRILLED	440		TIME CONSTANT 1
DEPTH LOGGED	422		PROBE DIA. 1 5/8
FOOTAGE LOGGED			CALIPER –
HOLE DIAMETER	5 1/2		DIRECTIONAL SURVEY –
WATER FACTOR	1.5		TEMPERATURE
RESISTIVITY	20 OHMS/INCH		OPERATOR ERICKSON
SELF POTENTIAL	– M.V./IN		DRILLER LUCHT
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN CONTRACTOR HARRIS
BOTTOM	360	285	LAST A.E.C. PIT RUN 2-24-78
TOP	315	275	FLUID LEVEL 150
TOTAL FEET	35	10	REMARKS:
SCALE RUN	5K	5K	

PROJECT ANDERSON MINE HOLE SIZE _____ ☑ AIR ☐ WATER HOLE NO. AM 878

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY K. TAYLOR DATE 3/26/78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 360' P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth	Lithology
0	greenish brown mudstone
60	brownish green mudstone
100	red brown mudstone
120	tannish green mudst.
130	interbd white, tan, green mudstones
160	carbonaceous zone; interbd grey, bluish grey, greyish green mudstones, lignite
200	interbd brownish red & grey green mudst.
230	brownish red mudstone
260	greenish brown mudstone
300	grey green mudstone
340	interbd green mudst & brownish red mudst.
360	andesite frags

Century Geophysical Corporation Denver, Colo.

3-27-78

RALS EXPLORATION
378
RSON MINE
PAI
ARIZONA
GROUND LEVEL

AM878
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLOR.
3-27-78
356'

360'
6.5
H_2O - 10 AM
M. DODGE
7750
WICKENBERG, AZ.
0.25 - 1630
0.75 - 1715
0.75
1.75

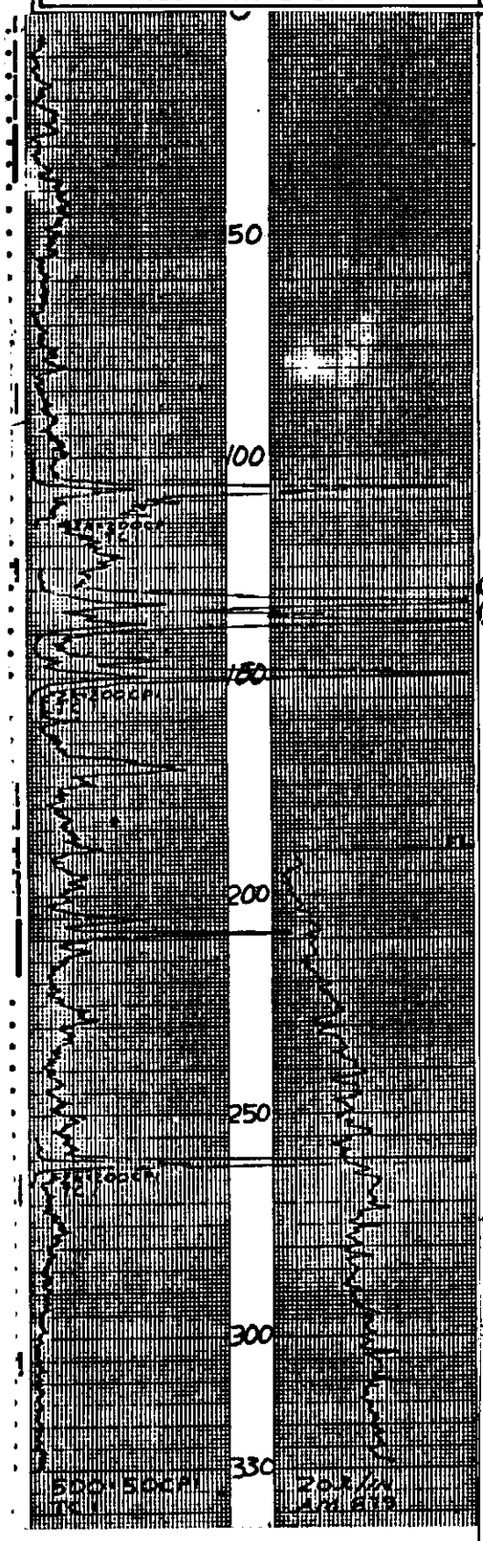
56'
500
60
1 7/8
XML 7/8-4
5.58×10⁻⁶
1.00
1
10

TRACK USED: # 4
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10⁻⁶
RIG: VENTURE (ED)

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM ~~296~~ 879

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K TAYLOR **DATE** 3/30/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 330 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						green mudstone
						lt green to white (calc?) mudstn.
	20					
						green mudstn.
	40					
						interbd green mudstn, green siliceous mudst, red chert
	60					lt green to white soft (calc?) mudstn.
						green mudstn.
	80					interbd green mudstn + white to lt green (calc?) mudstn
	100					green mudstn, siliceous fragments carb
						interbd brownish green mudstn + white (calc?) mudstn.
						white to lt gray calc? mudstn
	20					interbd green + lt grey mudstn.
						carbonaceous, blue-grey to lt grey mudstn.
	40					interbd grey, blue grey mudstn + lignite
						blue grey mudstn.
						interbd blue-grey mudstn + lignite
	60					blue grey to grey mudstn.
						lt grey to grey mudstn.
	80					red brown fine sandy mudstn.
	200					
						red brown to yellow brown sandy mudstn.
	20					
	40					brown sandy mudstn. thin carb zones
	60					
	80					
	300					brownish red mudstn + med gray sand
					20' samples not taken	
	20					lt grey andesite
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

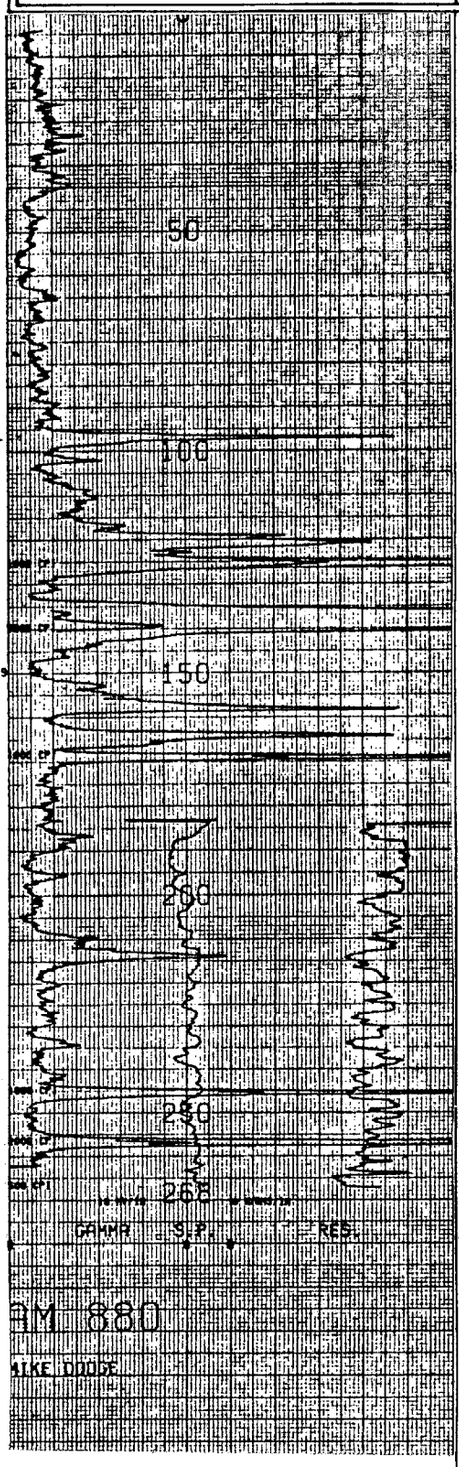
MINERALS EXPLORATION CO.

STATE	WYOMING	HOLE NO.	AM 879
LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI		
DATE	3-29-78		
	330		
	330		
	5.75		
	2.5		
	2.0		
	—		
	268	186	119
	268	185	109
	10	20	10
	25	25	25

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 880

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 3/30/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 270 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						
						greenish brown mudstn
						interbd grey green mudstn, white (calc?) mudstn, brown chert.
						greenish brown mudstn.
	20					green mudstn.
						greenish grey moderately siliceous mudstn.
	40					green to greenish brown mudstns.
	60					greenish brown mudstn, red chert, dk grey chert
						lt. green to white mudstn, some red chert
						interbd green mudstn, grey siliceous mudstn
	80					green to lt. green mudstn.
	100					green mod. to siliceous mudstn / some interbd red mudstn.
						olive green mudstn.
	20					blue grey mudstn.
						dk grey mudstn. + lignite
	40					
						dk grey mudstn. coal
	60					greyish brown mudstn
						red brown mudstn.
	80					
						yellow brown mudstn.
	200					
	20					
						greenish brown mudstn.
	40					
						chocolate brown mudstn
	60					
						brownish red mudstn
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					