MINERALS EXPLORATION CO.

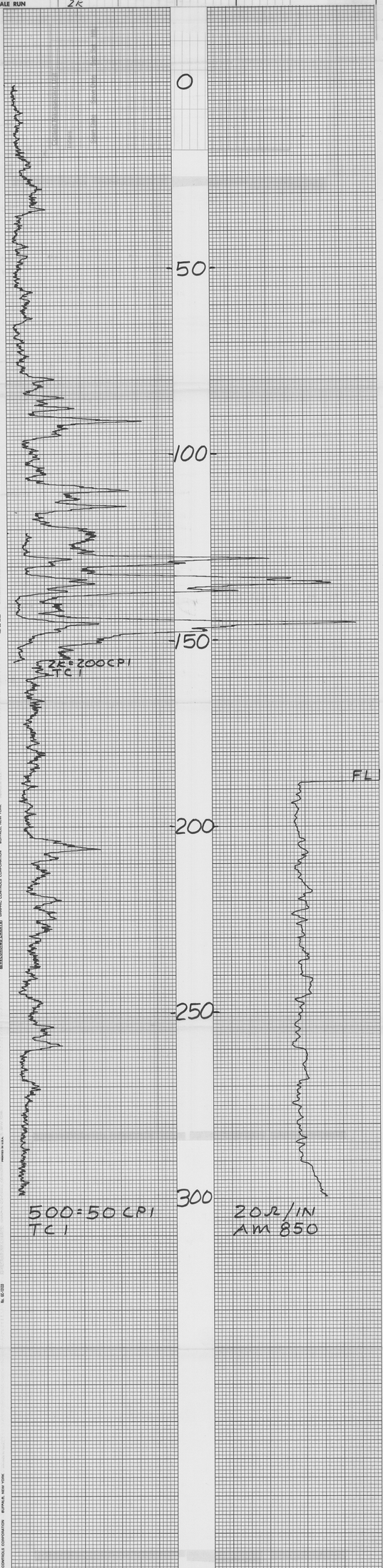
CASPER, WYOMING

HOLE NO. Am 850

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI
STATE	AZ
GP.	
ELEV.	
SEC.	
TWP.	
RGE.	
DATE	3-27-78
DEPTH DRILLED	300
DEPTH LOGGED	300
FOOTAGE LOGGED	
HOLE DIAMETER	5⅞
WATER FACTOR	1.2
RESISTIVITY	20 OHMS/INCH
SELF POTENTIAL	— M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	155		
TOP	120		
TOTAL FEET	35		
SCALE RUN	2K		

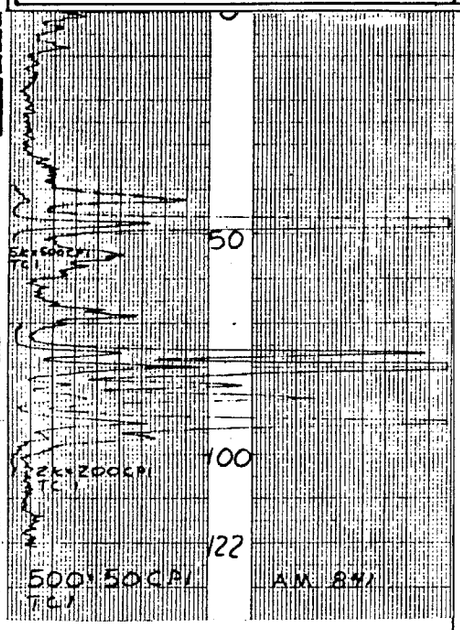
GAMMA SCALE	500=50 CPI
PROBE TYPE	SCINT
K-FACTOR	6.00 E-5
DEAD TIME	9.2 MS
TIME CONSTANT	1
PROBE DIA.	1⅝
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	AL
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	188
REMARKS:	



PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 841

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CEH DATE 4-2-78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 155 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	0					silicified siltst lt Tan, Tan chert
						siltst, Gry
	20					Wht Calc Tuff, Purple Brn Chert
						siltst Grn
	40					wht Calc Tuff, Brn & Wht Chert
						siltst, Pink Brn, silicified
						silicified siltst, Gry
						siltst, Pink
	60					silicified siltst, Brn, Gry + Red Brn chert
						— Purple Brn
						siltst Grn
	80					Lignite
						siltst, Tan
	100					Carbonaceous siltst & lignite Gry to Blk
						siltst, Gry Grn to Grn
	120					siltst, Yel Tan
						siltst Brn
	140					siltst Brn Tan
						Andesitic Volcanics Gry Brn
	160					
	180					
	200					
	220					
	240					
	260					
	280					
	300					
	320					
	340					
	360					
	380					
	400					
	420					
	440					
	460					
	480					
	500					

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 841

LOCATION ANDERSON MINE

COUNTY YAVAPAI STATE AZ

ELEV.

	1ST. RUN	2ND. RUN	3RD. RUN
DATE	4-2-78		
DEPTH DRILLED	155		
DEPTH LOGGED	155		
FOOTAGE LOGGED			
HOLE DIAMETER	5 7/8		
WATER FACTOR			
RESISTIVITY		OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
BEGINS			
BOTTOM	105	50	
TOP	70	40	
TOTAL PIPE	35	10	
SCALE RUN	5"	5"	

GAMMA SCALE	500 CPS
PROBE TYPE	Slim
CASING	6.80 O.D.
MUD WT.	9.2 LBS
MUD CONDITION	
PROBE DIA.	1 1/2
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	E. BILLMAN
DRILLER	CLYDE
CONTRACTOR	BARRIS
LAST A.S.C. BY RUN	2 4/5
FLUID LEVEL	
REMARKS	

PROJECT Anderson Mine **HOLE SIZE** ____ ☑ AIR ☐ WATER **HOLE NO.** AM 842

ELEVATION ____ **NORTH** ____ **EAST** ____ **LOGGED BY** CZH **DATE** 3-29-78

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 130 **P.D.** ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG

Depth scale: 20, 40, 60, 80, 100, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

Lithology log:

- Sltst, Gry to Gry Grn
- Wht Calc Tuff
- Yel Tan Chert
- Silicified Sltst, Red Brn chert, Gry
- Purple Brn chert
- Brn chert
- Sltst, Yel Tan
- Sltst Red Brn
- Lignite & Carbonaceous sltst Blk to Dk Gry
- Sltst, Grn
- Sltst Red Brn & Andesitic Volcanics Gry Brn

PROJECT ANDERSON MINE HOLE SIZE 6.5 ☒ AIR ☐ WATER HOLE NO. AM 843

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 19 MAR 78

SECTION 9 TOWNSHIP 11N RANGE 10W T.D. 70 P.D. _____

VENTURE

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
50						0-40 BLUE GRAY, VERY HARD SILICIFIED LAKEBED
70 AM 843	20					40-45 RED SILT
	40					45-50 CHERT
	60					50-55 RED ANDESITIC AGGLOM.
	80					55-60 GREEN SILT
	00					60-70 ANDESITE
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO. CASPER, WYOMING

AREA ANDERSON MINE

GRID POINT ELEVATION HOLE NO. AM 843

COUNTY YAVAPAI STATE AZ GAMMA-GAMMA DENSITY

SEC. TWP. RGE.

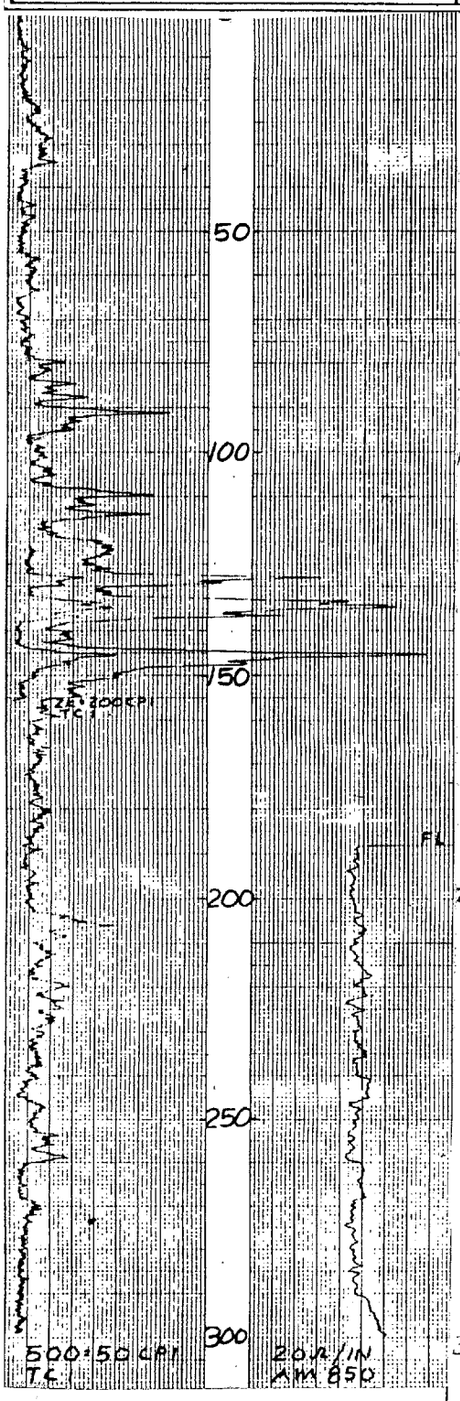
BOREHOLE DATA		LOG DATA	
DATE	3-19-78	TOTAL DEPTH LOGGED	70 FT
DRILLER	DENNIS / KENTUCKY	TOTAL FOOTAGE LOGGED	85 FT
CASING DEPTH	70 FT	LOG SPEED	15 FT/MIN
BIT SIZE	6 IN	LOG SCALE	500 CPS/IN FC
FLUID LEVEL	FT	DETECTOR TYPE	SCINT DETECTOR SIZE
TYD	A-3 YGR-3 DP 5 1/4	DESENSITIZED	CENTRALIZER
	RERUN	SOURCE TYPE	SOURCE SIZE
RECORDED	BOT 60	SEE NO	67
	TOP 45	OPERATOR	ERICKSON
	TOT 15		
	# RR		

PROJECT ANDERSON MINE HOLE SIZE _____ ☑ AIR ☐ WATER HOLE NO. AM 850

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

SECTION A1 TOWNSHIP _____ RANGE _____ T.D. 300 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth	Lithology
0–20	grey green to lt. green mudstone
20–40	tannish-green mudstone
40–60	interbd lt green, green mudstn., siliceous cherty frags
40–60	interbd lt grey green, & green mudstone
40–60	tannish-green mudstone
60–80	lt green mudstn., siliceous
80–100	green mudstn
100–120	green mudstn, highly siliceous
100–120	interbd lt green to white calc? mudstn. & green mudstn.
120–140	green mudstn.
140–160	interbd green, lt green, grey mudstn.
160–180	carbonaceous zone, grey to dk grey mudstn., interbd lignites
180–200	lignite
200–220	tannish green mudstone
220–240	olive green mudstone
240–260	brownish-greyish green mudstone
260–280	reddish green mudstn (interbd ?)
280–300	interbd red mudst & green mudst., andesite frags.

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	DARKNESS SCALE	500:50 CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	6.00 E-5
		DEAD TIME	9.2 sec
		TIME CONSTANT	1
		PROBE SEL.	1 1/2
DATE	3-27-78	CALIPER	-
DEPTH DRILLED	300	DIRECTIONAL SURVEY	-
DEPTH LOGGED	300	TEMPERATURE	-
FOOTAGE LOGGED		OPERATOR	ERICKSON
HOLE DIAMETER	5 1/8	DRILLER	AL
WATER FACTOR	12	CONTRACTOR	UNIVERSAL
RESISTIVITY	20	LAST A.S.C. PIT SIZE	2 24-78
SELF POTENTIAL	-	FLUID LEVEL	188
		REMARKS	

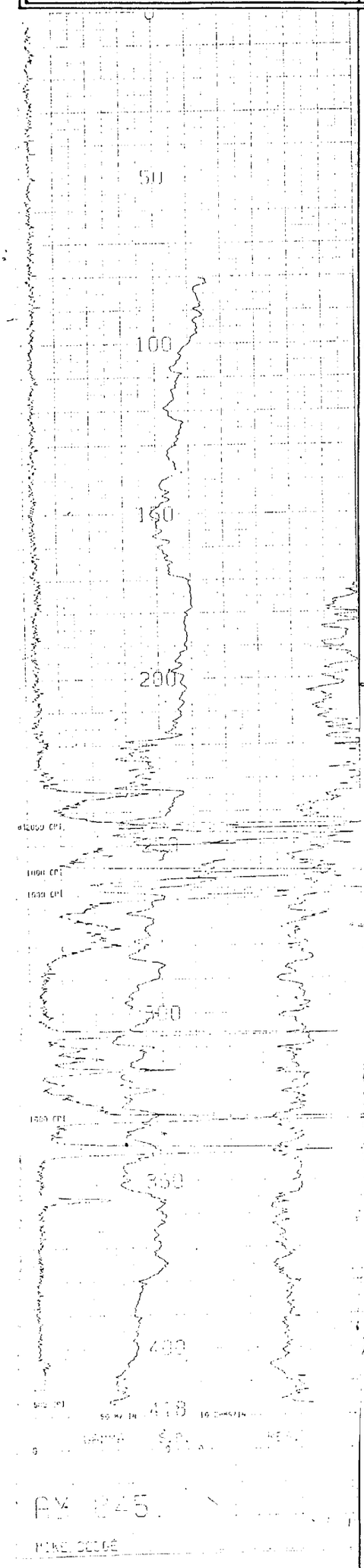
SPRING	1ST. SUM	2ND SUM	3RD SUM
BOTTOM	155		
TOP	120		
TOTAL FEET	35		
SCALE SUM	2K		

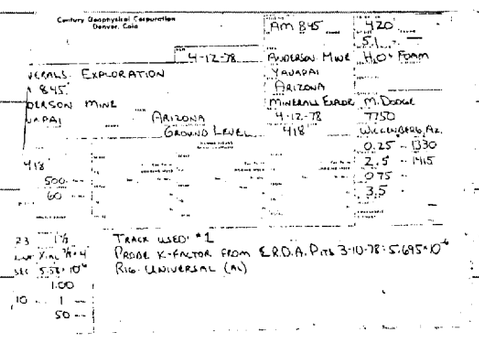
PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM 845

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

SECTION _____ A1 **TOWNSHIP** _____ **RANGE** _____ **T.D.** 420 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





red brown to brown silt, sand

brown mudstone

green mudstone

dk grey mudstn. + lignite

grey mudstn + brown sand.

grey green mudstone

interbd grey green + grey mudstn.

grey mudstn, dk grey mudstn., lignite

brown mudstn + med - coarse sand

brown mudstn, red sand, red andesite frags

PROJECT ANDERSON MINE **HOLE SIZE** ____ ☐ AIR ☐ WATER **HOLE NO.** AM 846

ELEVATION ____ **NORTH** ____ **EAST** ____ **LOGGED BY** K. TAYLOR **DATE** 3/31/78

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 105 **P.D.** ____

VENTURE

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG

DEPTH	LITHOLOGY LOG
	green siliceous mudstone, brown chert.
	lt grey to grey green siliceous mudstn.
20	
	green mudstn.
40	interbd tan mudstn, grey mudstn, lignite
	blue grey mudstn. carb?
	lignite & dk grey mudstn.
	blue grey to dk grey mudstn.
60	dk grey green to dk grey mudstn.
	redbrown mudstn.
80	
	redbrown mudstn; interbd carb layers (lignite?)
	green mudstn.
	redbrown mudstn
00	dk grey andesite frags.
20	
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 846

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
DATE	3-31-78		
DEPTH DRILLED	110		
DEPTH LOGGED	106		
BOTTOM	65		
TOP	42		
TOTAL	25		
SCALE	25		

OPERATOR: LEKISON

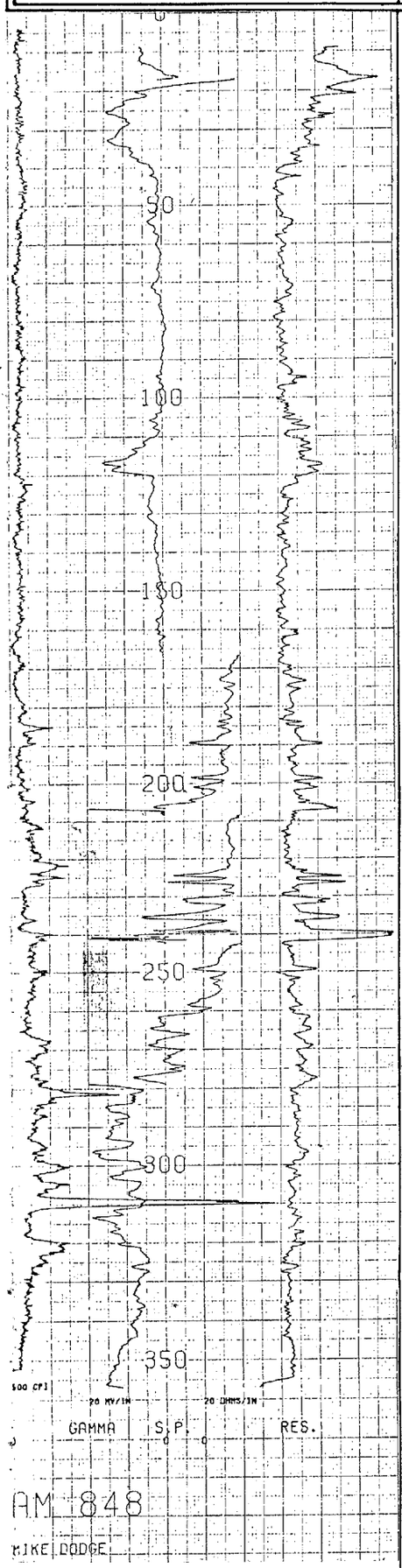
PROJECT ANDERSON MINE **HOLE SIZE** ____ ☐ AIR ☑ WATER **HOLE NO.** AM 848

ELEVATION ____ **NORTH** ____ **EAST** ____ **LOGGED BY** K. TAYLOR **DATE** 4/2/78

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 360 **P.D.** ____

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth	Lithology
0–40	brown silt, sand, gravel, — conglomerate.
40–80	brownish green mudstone
80–100	interbd brown + green mudstn.
100–40	brownish green mudstn.
40–60	greenish brown mudstn.
60–200	interbd green, greenish brown, tan mudstone
200–300	interbd green + lt green to white mudstn.
300–400	green to lt green mudstn.
400–500	interbd green mudst + dk grey mudstn. (lignitic)
500–600	interbd green + red mudstn.
600–700	interbd white + green mudstn.
700–800	green mudstone
800–900	brownish green mudstn
900–1000	green mudstn
1000–1100	interbd green + red mudstn
1100–1200	interbd red + green mudstn
1200–1300	green to tannish green mudstn
1300–1400	interbd green + red mudstn
1400–1500	red mudst + red andesite frags

Century Geophysical Corporation
Denver, Colo.

4-2-78

MINERALS EXPLORATION
AM 848
ANDERSON MINE
YAVAPAI ARIZONA

AM 848
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLOR.
4-2-78
358

360'
5.1
11.0 FOAM
M. DODGE
7750
WICKENBERG, AZ.
0.5 - 1215
0.25 - 1300
0.75
1.5

358'
500
60

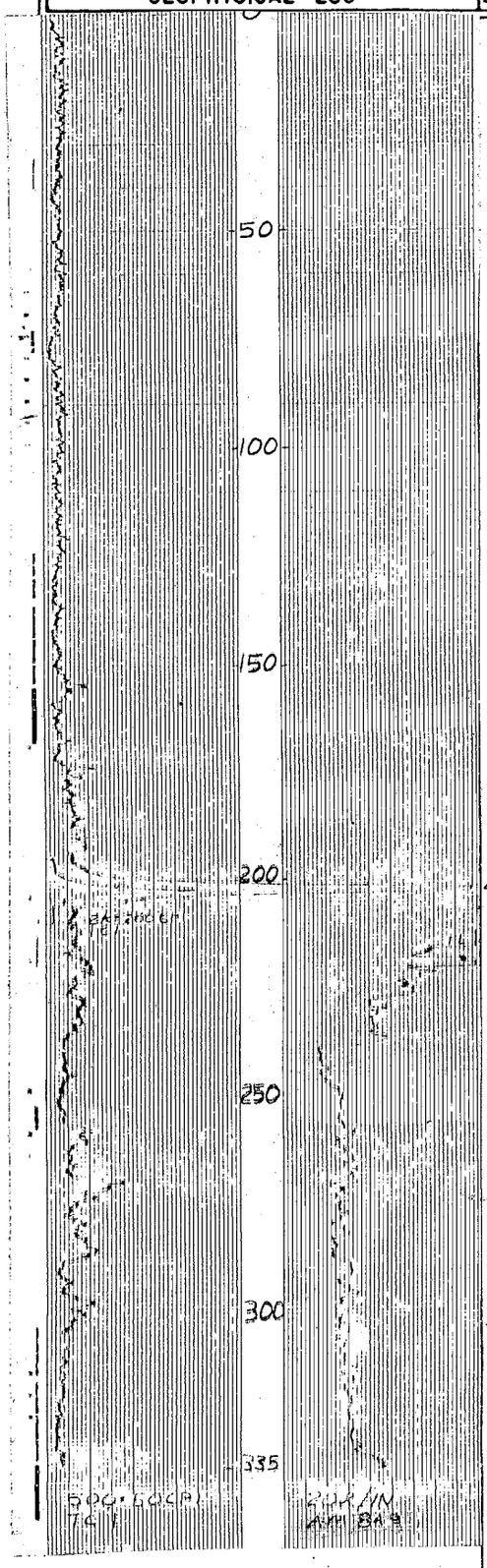
9055-23
NAT SCINT. XTAL 7/8"×4"
1075 μsec 5.58
1.135 1.00
20 1
20

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

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☑ AIR ☐ WATER **HOLE NO.** AM849

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 3/19/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 335 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	LITHOLOGY	GEOCHEMISTRY
	0	brown mudstone	
		green mudstone	
	20		
		brown mudstone	
	40		
	50		
	60	olive green mudstone	
	80	brown mudstone	
	100	olive brown mudstone	
		brown mudstone	
	20		
		olive green to green mudstone	
	40		
	150		
	60		
	80	olive green to grey mudstone, highly siliceous	
	200	interbd lignite	
		carbonaceous zone, interbd olive green & grey mudstn, lignite zone.	
		green to red brn. highly siliceous mudstn, cherty	
	20	yellow brown mudstn.	
	40		
	250		
	60		
	80		
	300	red brown mudstn.	
	20	brown red mudstn, andesite frags.	
	40		
	335		
	60		
	80		
	00		
	20		
	40		
	60		
	80		
	20		

MINERALS EXPLORATION CO. CASPER, WYOMING

AREA ANDERSON MINE		
GRID POINT	ELEVATION	HOLE NO. AM 849
COUNTY YAVAPAI	STATE AZ	~~GAMMA GAMMA DENSITY~~
SEC.	TWP.	RGE.

BOREHOLE DATA		LOG DATA	
DATE	3-20-78	TOTAL DEPTH LOGGED 335 FT.	
DRILLER	DR/VANTUBE	TOTAL FOOTAGE LOGGED 350 FT.	
DRILLER DEPTH	335 FT.	LOG SPEED 15 FT./MIN.	
BIT SIZE	6 IN.	LOG SCALE 500:50 CPS/IN.	T.C. 1
FLUID LEVEL	215 FT.	DETECTOR TYPE SCINT	DETECTOR SIZE
CSG.	K: 6.00E-5, DIL 9.22E-5	DECENTRALIZED	CENTRALIZED
	RERUN	SOURCE TYPE	SOURCE SIZE
REMARKS	BOT 210	TBR. NO. 61	
	TOP 195	OPERATOR ERICKSON	
	TOT 15		
	X 25		