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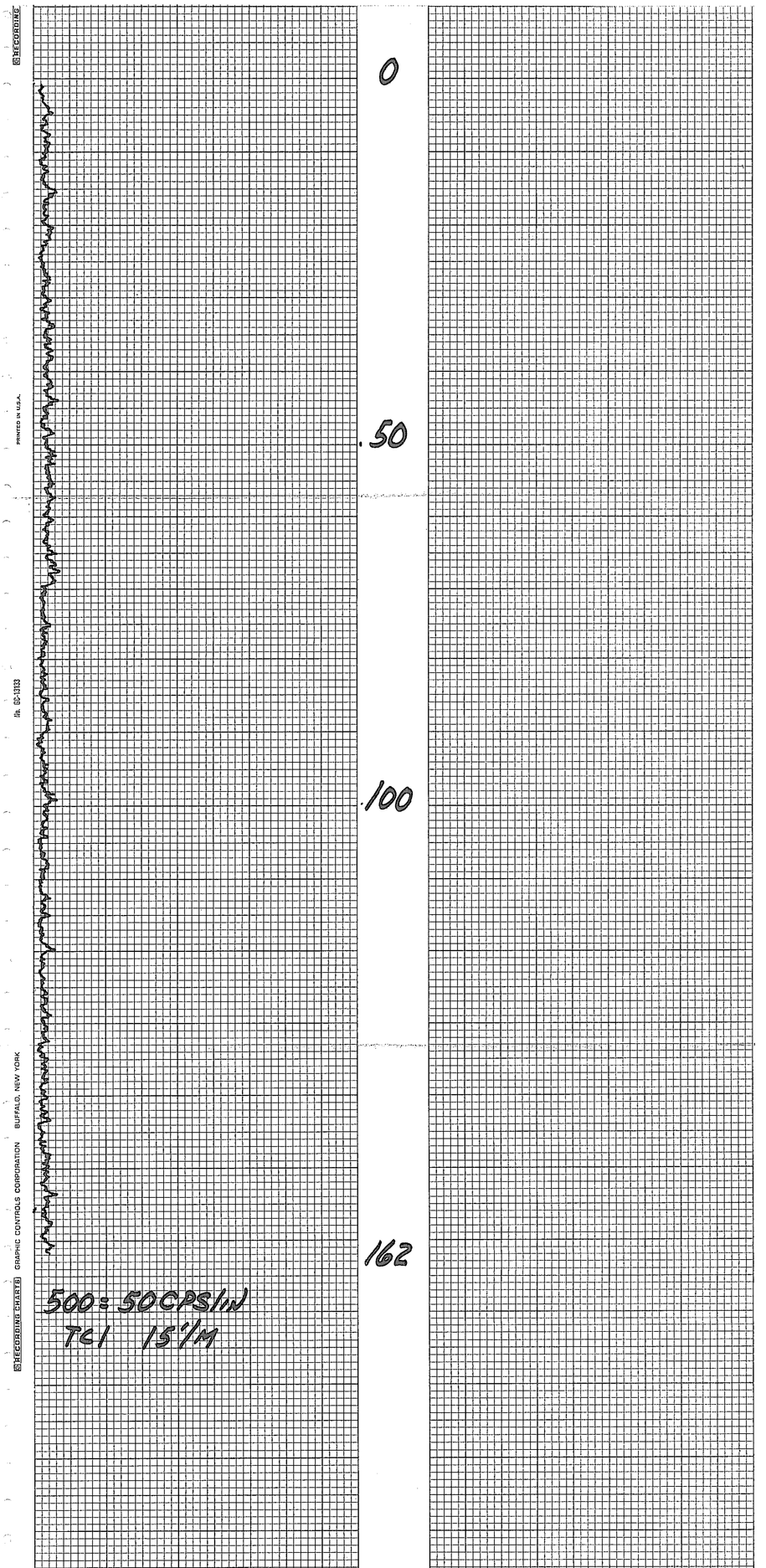
MINERALS EXPLORATION CO.

CASPER, WYOMING **HOLE NO.** AM 491

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500 = 50CPS/IN
COUNTY YAVAPAI **STATE** ARIZONA		**PROBE TYPE**	SCINT
GP. ~~1,207,326.7N 642,573.0E~~ **ELEV.** 1704		**K-FACTOR**	5.70×10^{-5}
1209705.95N		**DEAD TIME**	7.14μ
SEC. 88 988.31E **TWP.** **RGE.**		**TIME CONSTANT**	1
		PROBE DIA.	1 5/8
DATE	3/3/77	**CALIPER**	
DEPTH DRILLED	160	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	162	**TEMPERATURE**	
FOOTAGE LOGGED	162	**OPERATOR**	KETTERLING
HOLE DIAMETER	5 5/8	**DRILLER**	FREADY
WATER FACTOR	-	**CONTRACTOR**	BOYLES BROS.
RESISTIVITY	- OHMS/INCH	**LAST A.E.C. PIT RUN**	
SELF POTENTIAL	- M.V./IN.	**FLUID LEVEL**	

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

REMARKS:



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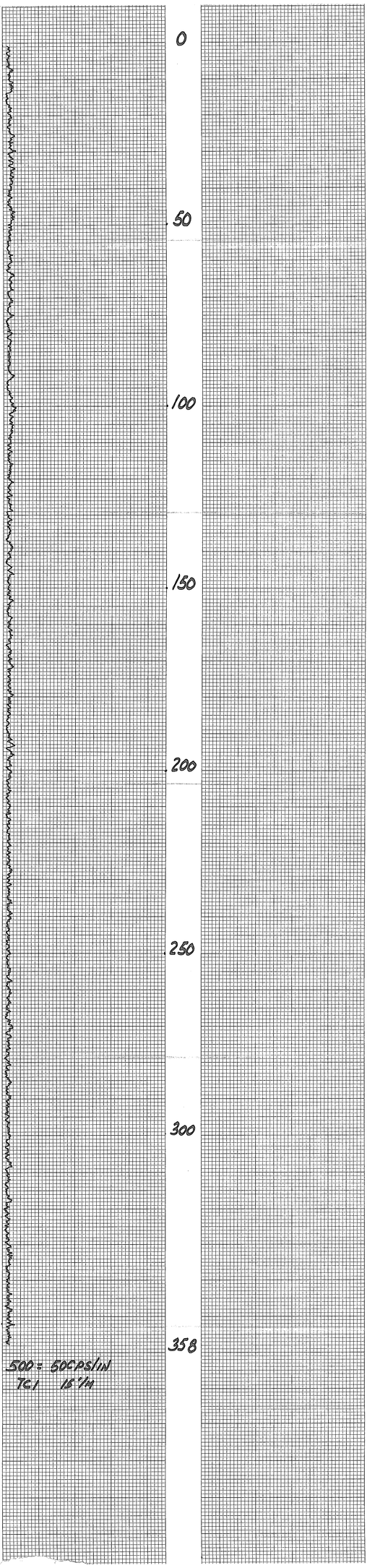
MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM 492
LOCATION ANDERSEN MINE		GAMMA SCALE	500=50CPS/IN
		PROBE TYPE	SCINT.
COUNTY YAVAPAI	STATE ARIZONA	K-FACTOR	5.70×10^5
GP. ~~1,207,467.3N 642,739.5E~~ 1209782.9UN 89156.72E	ELEV. 1699	DEAD TIME	7.14 μ
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	3/3/77	CALIPER	
DEPTH DRILLED	360	DIRECTIONAL SURVEY	
DEPTH LOGGED	358	TEMPERATURE	
FOOTAGE LOGGED	358	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	FREDDY
WATER FACTOR	–	CONTRACTOR	BOYLES BRO.
RESISTIVITY	– OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	– M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

REMARKS:



MINERALS EXPLORATION CO.

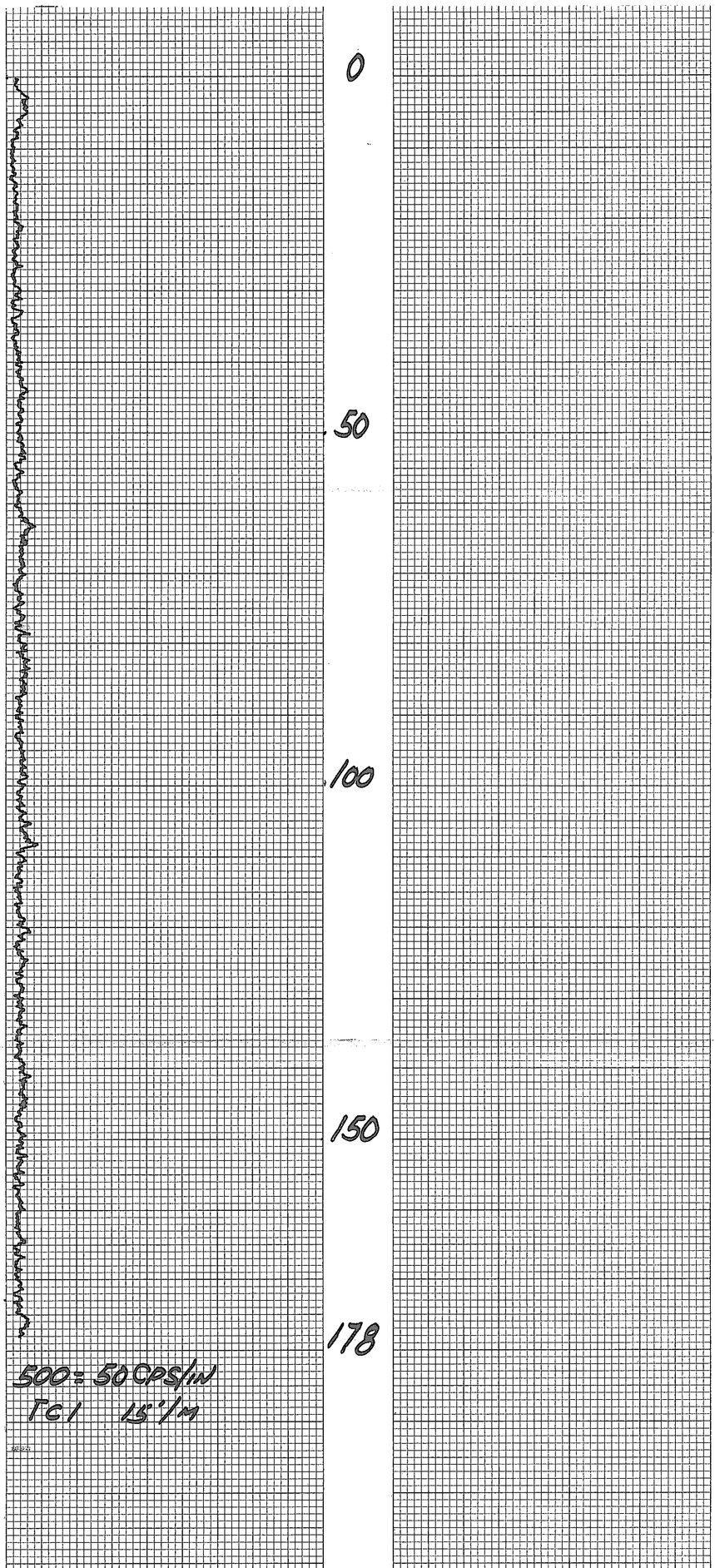
CASPER, WYOMING

HOLE NO. AM 493

LOCATION ANDERSEN MINE		GAMMA SCALE	500=50 CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SOINT
GP. 1206903.45N 94165.77E ~~1,204,618.0N 647,799.9E~~	ELEV. 1780	K-FACTOR	5.70×10^{-5}
		DEAD TIME	7.19 μ
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	3/3/77	CALIPER	
DEPTH DRILLED	180	DIRECTIONAL SURVEY	
DEPTH LOGGED	178	TEMPERATURE	
FOOTAGE LOGGED	178	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	FREDDY
WATER FACTOR	-	CONTRACTOR	BOYLES BROS
RESISTIVITY	- OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	- M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

REMARKS:



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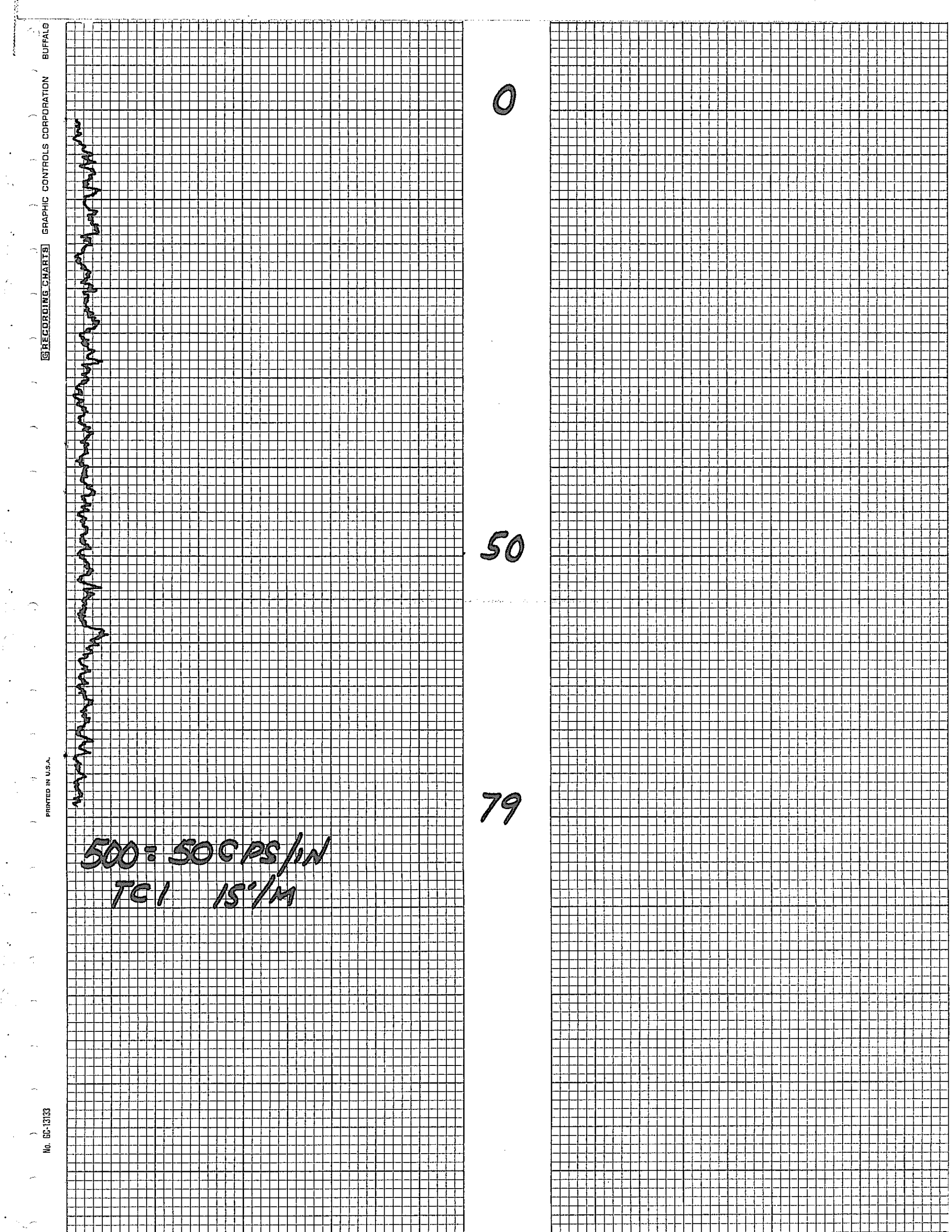
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 494

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP. 1206064.21N 94393.73E ~~1,203,782.9N 648,042.95~~	ELEV. 1807		
SEC.	TWP.	RGE.	
DATE	3/3/77		
DEPTH DRILLED	100		
DEPTH LOGGED	79		
FOOTAGE LOGGED	79		
HOLE DIAMETER	5 5/8		
WATER FACTOR	-		
RESISTIVITY	-	OHMS/INCH	
SELF POTENTIAL	-	M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

GAMMA SCALE	500 = 50CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.70X10-5
DEAD TIME	7.14u
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	FREDDY
CONTRACTOR	BOY
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



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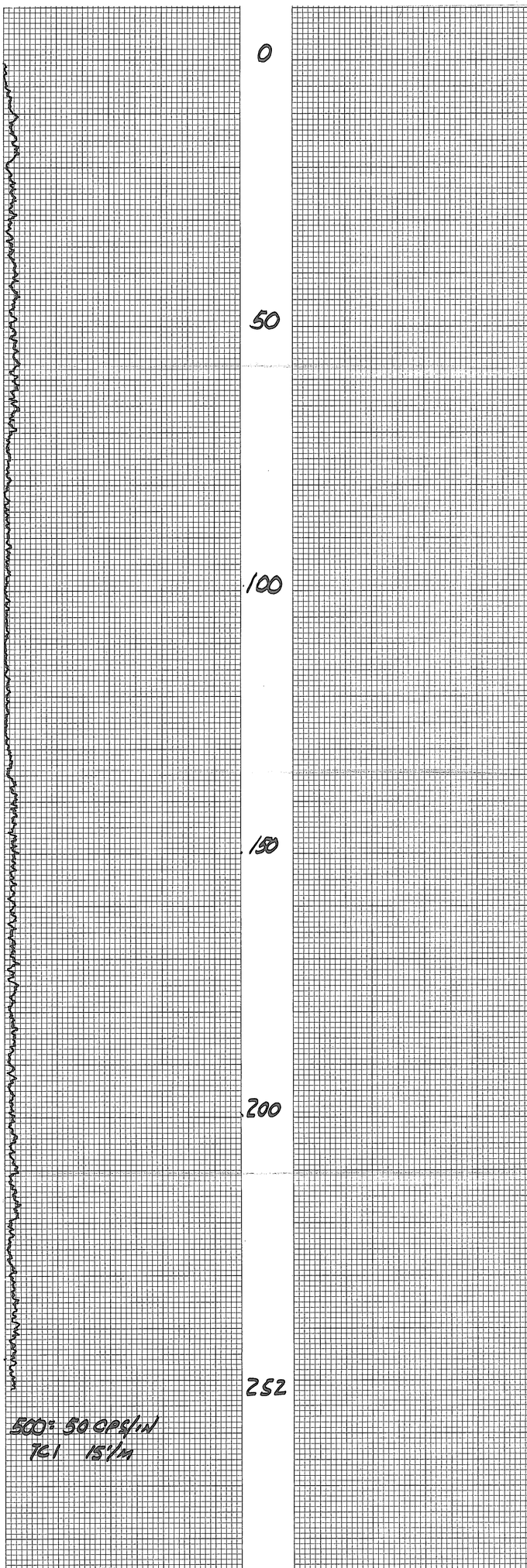
CASPER, WYOMING

HOLE NO. AM 495

LOCATION ANDERSEN MINE	
COUNTY YAVAPAI STATE ARIZONA	
GP. 1207843.23N 78663.16E ~~1,205,279.1N 638,283.2E~~ ELEV. 1592	
SEC. TWP. RGE.	
DATE	3-6-77
DEPTH DRILLED	255
DEPTH LOGGED	252
FOOTAGE LOGGED	252
HOLE DIAMETER	5 5/8
WATER FACTOR	1.22
RESISTIVITY	– OHMS/INCH
SELF POTENTIAL	– M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

GAMMA SCALE	500=50CPS/IN
PROBE TYPE	SCINT
K-FACTOR	5.70x10-5
DEAD TIME	7.14μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	REITERLING
DRILLER	FREDDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



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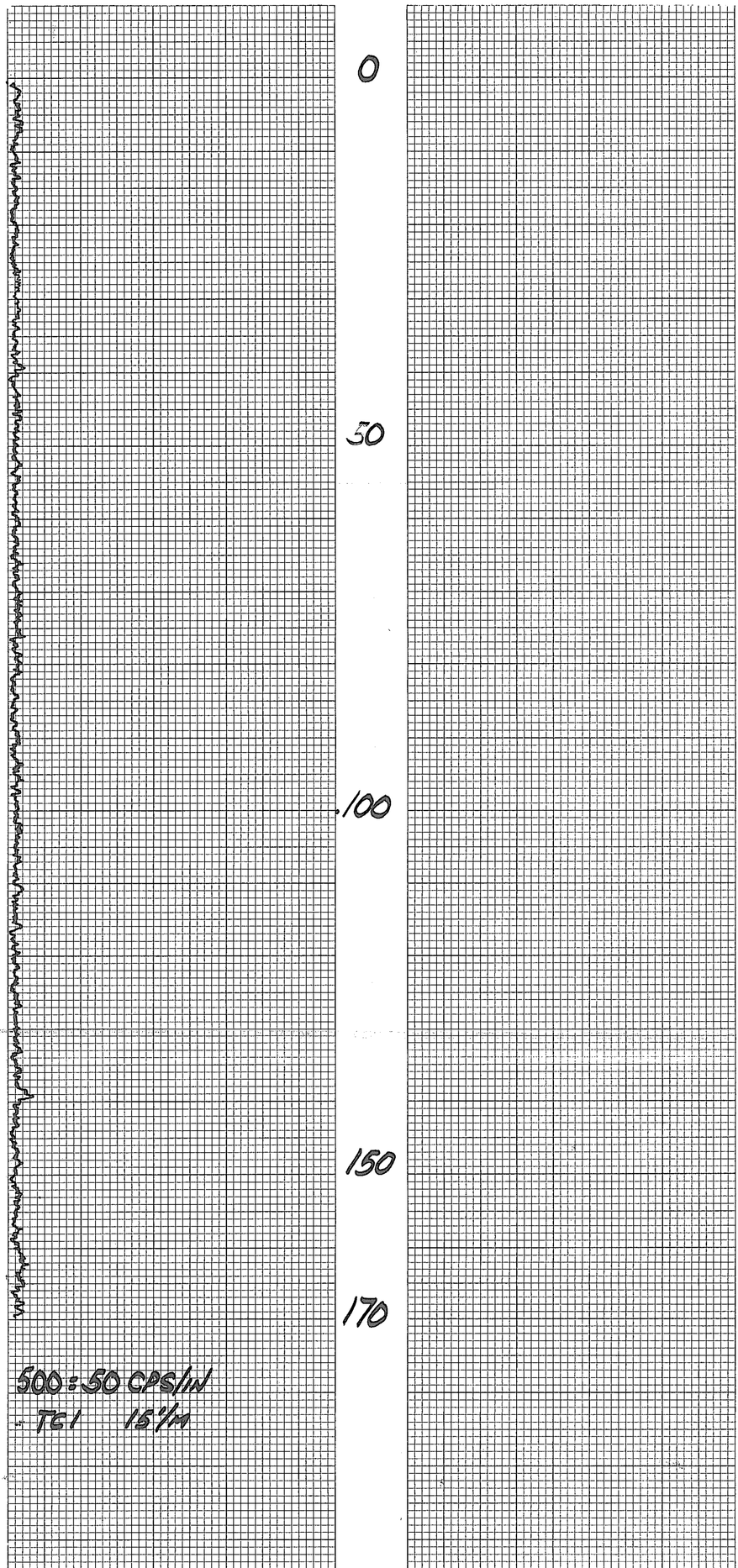
CASPER, WYOMING — **HOLE NO.** AM 996

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500:50CPS/IN
COUNTY YAVAPAI	**STATE** ARIZONA	**PROBE TYPE**	SCINT
GP. ~~1,205,371.9N~~ ~~630,524.3E~~	**ELEV.** 1535	**K-FACTOR**	5.70×10^{-5}
1207 967.83N		**DEAD TIME**	7.1 μs
SEC. 76 906 **TWP.** 12E	**RGE.**	**TIME CONSTANT**	1
		PROBE DIA.	1 5/8
DATE	3-6-77	**CALIPER**	
DEPTH DRILLED	170	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	170	**TEMPERATURE**	
FOOTAGE LOGGED	170	**OPERATOR**	KETTERLING
HOLE DIAMETER	5 5/8	**DRILLER**	FREDDY
WATER FACTOR	-	**CONTRACTOR**	UNIVERSAL
RESISTIVITY	- OHMS/INCH	**LAST A.E.C. PIT RUN**	
SELF POTENTIAL	. M.V./IN.	**FLUID LEVEL**	

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

REMARKS:



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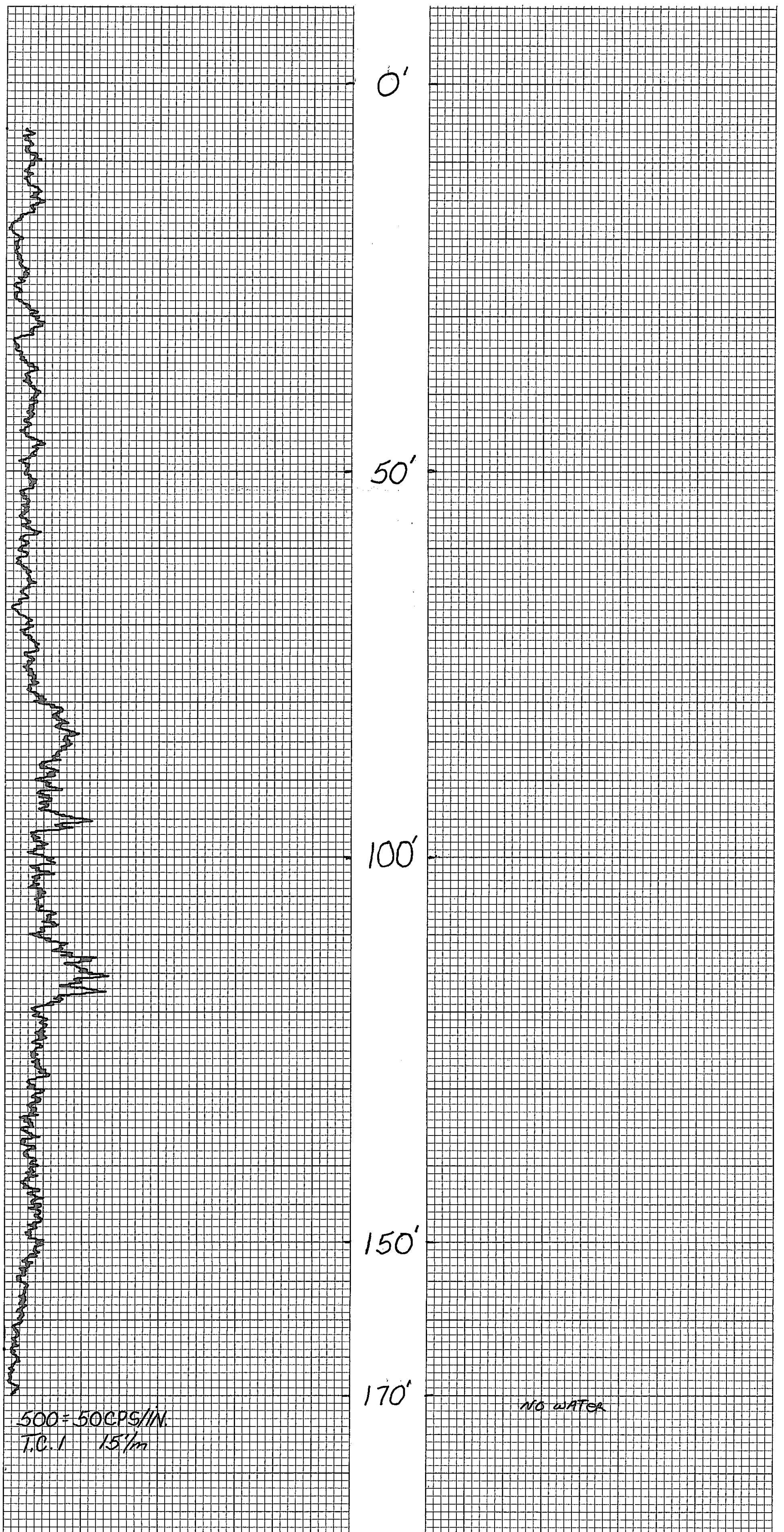
CASPER, WYOMING **HOLE NO.** AM-497

LOCATION	ANDERSON MINE		
COUNTY	Yavapai	**STATE**	ARIZ.
GP.	~~1,201,616.6N - 635,796.1E~~ 1204118.68N 82109.78E	**ELEV.**	1825
SEC.		**TWP.**	**RGE.**
DATE	3/30/77		
DEPTH DRILLED	170'		
DEPTH LOGGED	170'		
FOOTAGE LOGGED	170'		
HOLE DIAMETER	5" TO 170'		
WATER FACTOR			
RESISTIVITY	OHMS/INCH		
SELF POTENTIAL	M.V./IN.		

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

GAMMA SCALE	500 = 50CPS
PROBE TYPE	SCINT.
K-FACTOR	5.7^{10-5}
DEAD TIME	7.14 μ sec.
TIME CONSTANT	1
PROBE DIA.	1 5/8"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	FRED
CONTRACTOR	Roberts
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



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MINERALS EXPLORATION CO.

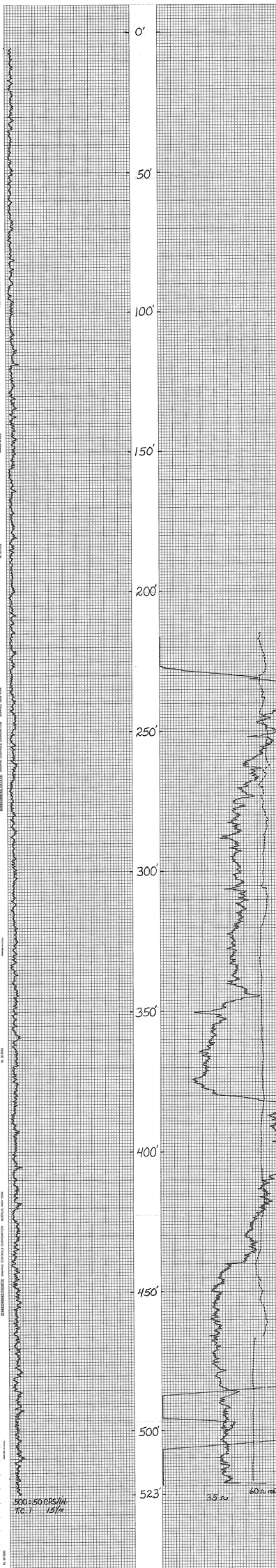
CASPER, WYOMING

HOLE NO. AND-498

LOCATION	ANDERSON MINE
COUNTY	Yavapai
STATE	ARIZ.
GP.	~~120°11'53N 633729.6E~~ 1203986.0S24
ELEV.	1788
SEC.	7984.0 35
TWP.	
RGE.	
DATE	4/3/77
DEPTH DRILLED	525'
DEPTH LOGGED	523'
FOOTAGE LOGGED	523'
HOLE DIAMETER	5" To 525'
WATER FACTOR	
RESISTIVITY	35 OHMS/~~INCH~~ 60 ohm meters
SELF POTENTIAL	M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

GAMMA SCALE	500=50CPS
PROBE TYPE	SciNT
K-FACTOR	$5.7 \cdot 10^{-5}$
DEAD TIME	7.14 μ sec.
TIME CONSTANT	1
PROBE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	FRED
CONTRACTOR	Roberts
LAST A.B.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



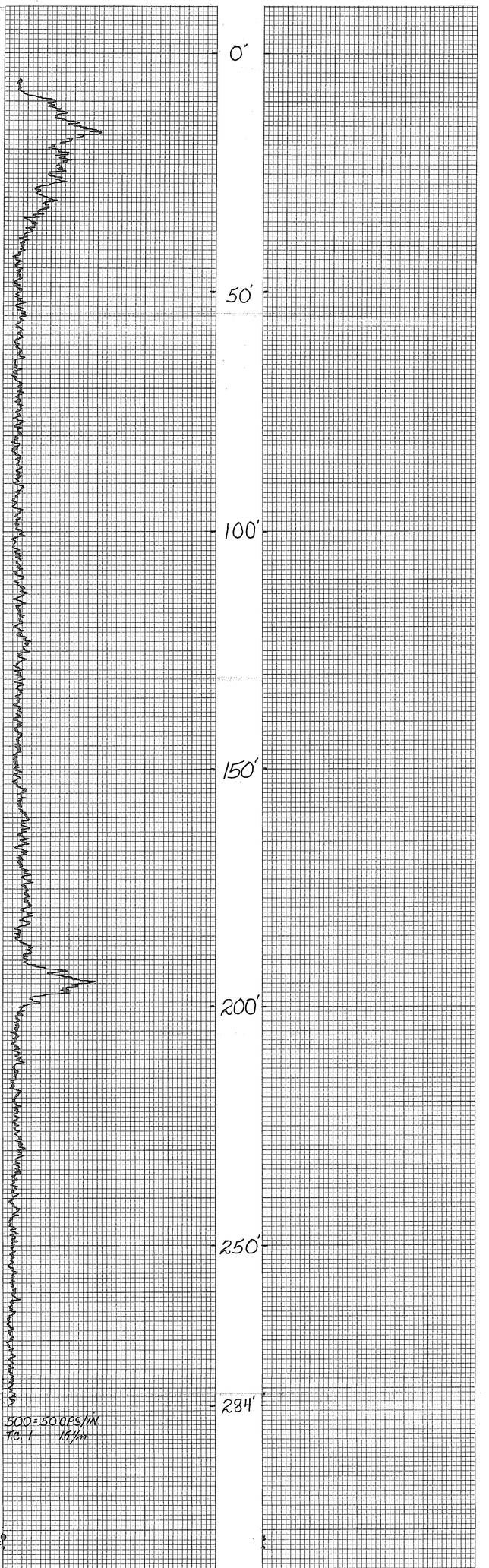
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM-499

LOCATION	ANDERSON MINE	**GAMMA SCALE**	500=500CPS
COUNTY	Yavapai **STATE** ARIZ	**PROBE TYPE**	SCINT.
GP. ~~1200843.3N-634,723.3E~~ 1203364.09N	**ELEV.** 1737	**K-FACTOR**	5.7^{10-5}
SEC. 8 **TWP.** 10 23.04 **RGE.** E		**DEAD TIME**	7.14 μ secs.
		TIME CONSTANT	1
		PROBE DIA.	1 5/8"
DATE	3/31/77	**CALIPER**	
DEPTH DRILLED	285'	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	284'	**TEMPERATURE**	
FOOTAGE LOGGED	284'	**OPERATOR**	Hudson
HOLE DIAMETER	5" TO 285'	**DRILLER**	FRED
WATER FACTOR		**CONTRACTOR**	Roberts
RESISTIVITY	OHMS/INCH	**LAST A.E.C. PIT RUN**	
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	NONE

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

REMARKS:



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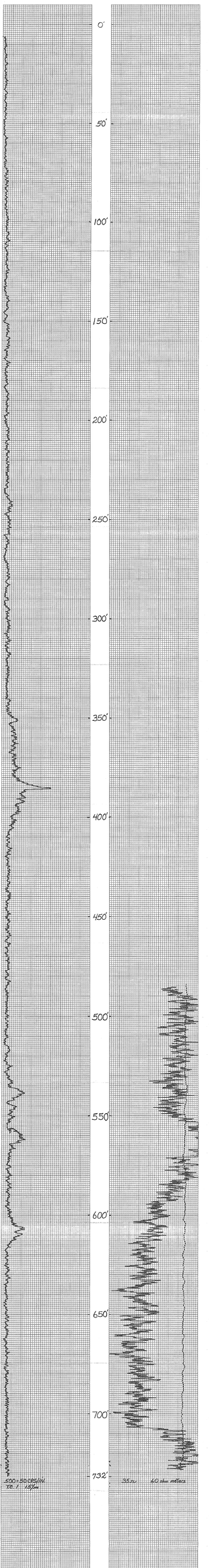
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE			HOLE NO.	A12-500
COUNTY	Yavapai	STATE	Ariz.	GAMMA SCALE	500-5008
GP. 1200 800 N-63 742 E ELEV. 2007				PROBE TYPE	Scint
7803 303 520				K-FACTOR	4.4
SEC. 12-01 1976		BGE.		DEAD TIME	7.4 u.sec.
DATE	11/1/77			TIME CONSTANT	
DEPTH DRILLED	740'			PROBE DIA.	1.5"
DEPTH LOGGED	732'			CAUPER	
FOOTAGE LOGGED	732'			DIRECTIONAL SURVEY	
HOLE DIAMETER	5.5" to 740'			TEMPERATURE	
WATER FACTOR				OPERATOR	Nielsen
RESISTIVITY	35 OHMS/METER	60 ohm meters		DRILLER	Hank
SELF POTENTIAL	M.V./IN.			CONTRACTOR	Roberts
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	EAST A.E.C. PIT RUN	
BOTTOM				FLUID LEVEL	
TOP				REMARKS:	
TOTAL FEET					
SCALE RUN					



PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM491

ELEVATION 1704 NORTH 1,207,326.7 EAST 642,573.0 LOGGED BY CZH DATE 3-3-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 160 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Qal, Crs cgl, Silty, Granitic + Volcanic Frags
						Siltst, Yel Tan, Sndy
	20					Siltst, Grn Tan, Sndy w/ Wht Tuff w/ Hornblend or Tourmaline
						Siltst, Yel Tan, Sndy
	40					SS, Grn Tan, Silty
50						SS, Red Brn + Gry to DK Gry Volcanics?
	60					Volcanics? DK Gry Powdery Silty
						SS, Red Brn v. Silty
	80					Siltst? Gry Tourmaline or Hornblend, Qtz, Biotite Sndy
100	100					
	20					SS, Gry to Gry Grn Biotite Qtz Tourmorthorn Fine, Sorting Good,
	40					
162	160					
500 = 50 CPS/IN TC1 1S/IN	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE		HOLE NO.	AM 491
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CPS/IN
GP. 1207,326.7N-642,573.0E	ELEV. 1704	PROBE TYPE	SCINT
SEC.	TWP. RGE.	K-FACTOR	5.70x10-5
DATE 3/5/77		DEAD TIME	7.14μ
DEPTH DRILLED 160		TIME CONSTANT	1
DEPTH LOGGED 162		PROBE DIA.	1 5/8
FOOTAGE LOGGED 162		CALIPER	
HOLE DIAMETER 5 5/8		DIRECTIONAL SURVEY	
WATER FACTOR -		TEMPERATURE	
RESISTIVITY -	OHMS/INCH	OPERATOR	KETTERLING
SELF POTENTIAL -	M.V./IN.	DRILLER	FERRY
		CONTRACTOR	BOYLES BROS.
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

PROJECT Anderson Mine HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 492

ELEVATION 1699 NORTH 1,207,407.3 EAST 642,739.5 LOGGED BY CZH DATE 3-2-77

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Sltst + Tuff, Lt Tan to Wht Gry
	20					
						Volcanics
						} Flow
	40					Sltst, Red Brn to Lavendar Bake Zone or Paleosols
50						
	60					
						Tuff, "Sndy", "Slty", Gry,
	80					
100	100					Sltst, Vel Tan, Sndy Granitic
	20					
	40					
150						
	60					
	80					
						Sltst or Tuff, Gry to Lt Gry, Tourmaline or Hornblend Qtz, Biotite
200	200					
	20					
	40					
250						
	60					
	80					
300	300					
	20					
	40					Sltst? Gry Brn to DK Gry Sndy
358	360					
	80					
	00					
	20					
	40					
	60					
	80					

500 = 50CPS/IN
TC1 15"/M

MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM 492
LOCATION ANDERSEN MINE		GAMMA SCALE	500=50CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. 1,207,407.3N-642,739.5E	ELEV. 1699	K-FACTOR	5.70 x 10^5
		DEAD TIME	7.14 μ
SEC.	TWP. RGE.	TIME CONSTANT	1
DATE	3/3/77	PROBE DIA.	1 5/8
DEPTH DRILLED	360	CALIPER	
DEPTH LOGGED	358	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	358	TEMPERATURE	
HOLE DIAMETER	5 5/8	OPERATOR	KETERLING
WATER FACTOR	–	DRILLER	FREDDY
RESISTIVITY	– OHMS/INCH	CONTRACTOR	BOYLES BROS.
SELF POTENTIAL	– M.V./IN.	LAST A.E.C. PIT RUN	
		FLUID LEVEL	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	REMARKS:	
BOTTOM			
TOP			
TOTAL FEET			

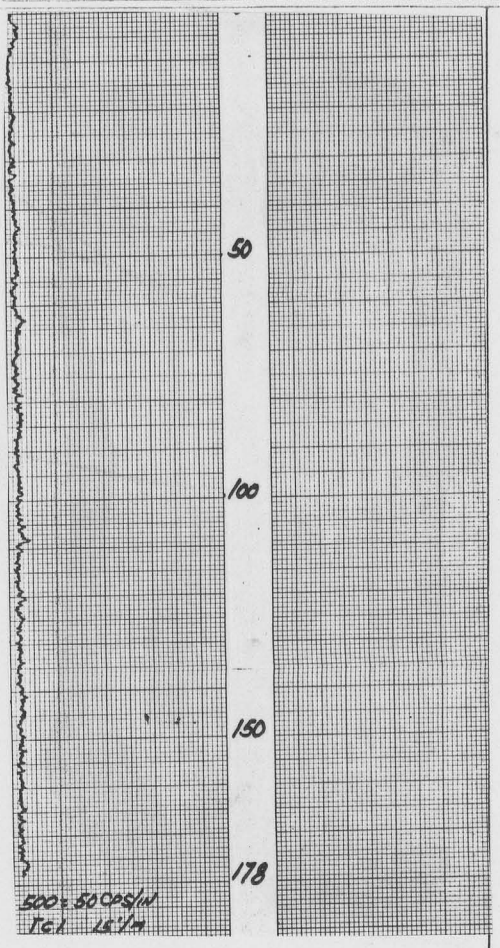
PROJECT Anderson Mine HOLE SIZE [✓] AIR [ ] WATER HOLE NO. AM 493

ELEVATION 1780 NORTH 1,204,618.0 EAST 647,799.9 LOGGED BY CZH DATE 3-3-77

SECTION TOWNSHIP RANGE T.D. 180 P.D.

AM493A 100

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Cgl, Qal, Tan

Tuff, Gry w/ Biotite + Hornblende or Tourmaline

Sltst? Pink Brn, Sndy Tuff fragments Abnt or May be Tuff

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP. 1,204,618.0N- 647,799.9E ELEV. 1780			
SEC.	TWP.	RGE.	
DATE	3/2/77		
DEPTH DRILLED	180		
DEPTH LOGGED	178		
FOOTAGE LOGGED	178		
HOLE DIAMETER	5 5/8		
WATER FACTOR	-		
RESISTIVITY	-	OHMS/INCH	
SELF POTENTIAL	-	M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

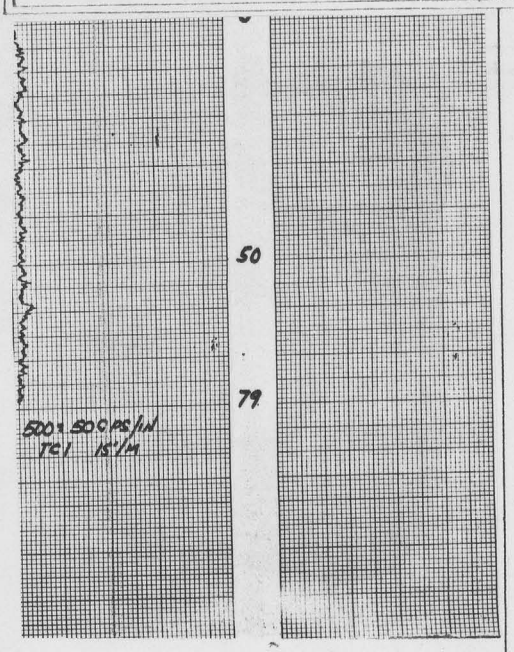
HOLE NO.	AM 493
GAMMA SCALE	500=50 CPS/IN
PROBE TYPE	SOINT
K-FACTOR	5.70×10^{-5}
DEAD TIME	7.19 M
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	FARGOY
CONTRACTOR	BOYLES BROS.
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine 1,203,782.9 HOLE SIZE 640,042.9 ☑ AIR ☐ WATER HOLE NO. AM 494

ELEVATION 1807 NORTH ~~1,204,145.3~~ EAST ~~641,208.7~~ LOGGED BY CZH DATE 3-3-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 80 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Qal, Cgl, Silty, Lt Gry to Lt Tan

Siltst, Gry, V. Sndy

siltst Red Brn

siltst, Tan Gry, Sndy

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1,203,782.9N-648,042.9E ELEV. 1807

SEC.	TWP.	RGE.
DATE	3/3/77	
DEPTH DRILLED	100	
DEPTH LOGGED	79	
FOOTAGE LOGGED	79	
HOLE DIAMETER	5 5/8	
WATER FACTOR	-	
RESISTIVITY	-	OHMS/INCH
SELF POTENTIAL	-	M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

HOLE NO.	AM 494
GAMMA SCALE	500 = 500 CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.70 X 10-5
DEAD TIME	7.14 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	PETERALINE
DRILLER	F. REDDY
CONTRACTOR	BOY
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. Am 495

ELEVATION 1592 NORTH 1,205,279.4 EAST 632,283.2 LOGGED BY CZH DATE 2-6-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 255 (8hr) P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Volcanic Flows, Gry, Caliche
	20					Bake Zone Orange
						Red Brn Bake Zone
	40					
50						Volcanic Flows, Gry
	60					
						weathered Volcanics, Brn to Red Brn
	80					Volcanic Flow Calcite filled Veins
						sltst, Brn, Calcite Cmtd
100	100					Volcanic Flow?
						sltst, DK Gry to Gry Brn, Volcanic Frags
	20					
						sltst Brn w/ wht Mineral or Material
	40					
150						sltst, Red Brn, Volcanics through out
	60					
						sltst, Brn, w/ Volcanic, pebbles
	80					
200	200					
	20					
						Volcanic Flows, DK Gry
	40					
252	255					
500 = 50 CPS/IN	60					
TC1 15'/m						
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM 495

LOCATION ANDERSEN MINE GAMMA SCALE 500=50CPS/IN

COUNTY YAVAPAI STATE ARIZONA PROBE TYPE SCINT

GP. 1,205,279.4N-632,283.2E ELEV. 1592 K-FACTOR 5.70x10-5

DEAD TIME 7.14m

TIME CONSTANT 1

SEC.	TWP.	RGE.	PROBE DIA.	1 5/8
DATE	3-6-77		CALIPER	
DEPTH DRILLED	255		DIRECTIONAL SURVEY	
DEPTH LOGGED	252		TEMPERATURE	
FOOTAGE LOGGED	252		OPERATOR	Kemerling
HOLE DIAMETER	5 5/8		DRILLER	Freddy
WATER FACTOR	1.22		CONTRACTOR	Universal
RESISTIVITY	–	OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	–	M.V./IN.	FLUID LEVEL	

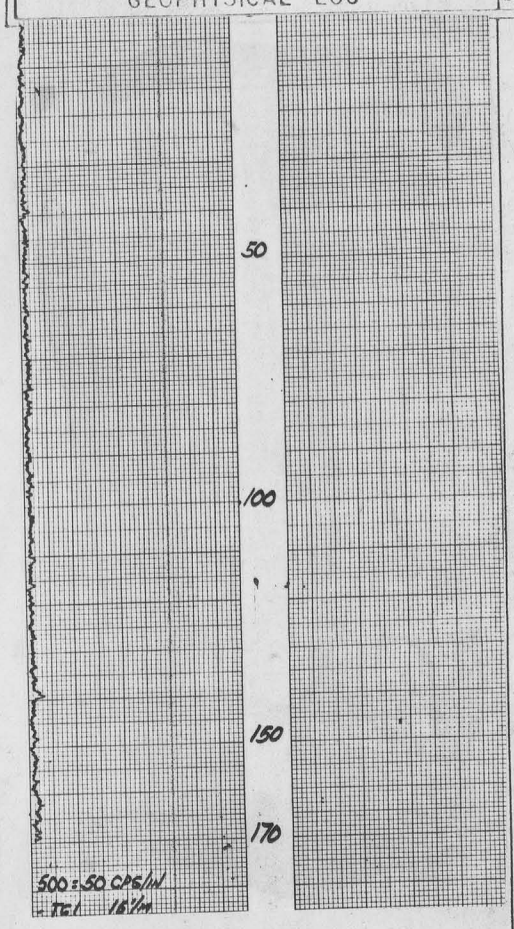
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM				
TOP				
TOTAL FEET				
SCALE RUN				

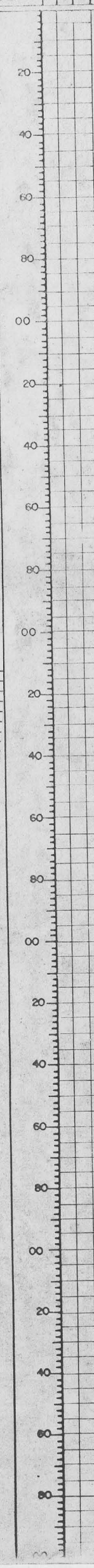
PROJECT Anderson Mine HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 496

ELEVATION 1535 NORTH 1,205,371.9 EAST 630 524.3 LOGGED BY CZH DATE 3-4-77

SECTION TOWNSHIP RANGE T.D. 170 P.D.

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG





Volcanic Aglomerate, Brn

Volcanics Purple to Lavendar

Volcanic Flows DK Gry to Gry

Volcanic Flows DK Gry

Tuff (welded) + Volcanic, Tan to Brn

Andesitic Volcanics, Choc Brn

MINERALS EXPLORATION CO.

CASPER, WYOMING

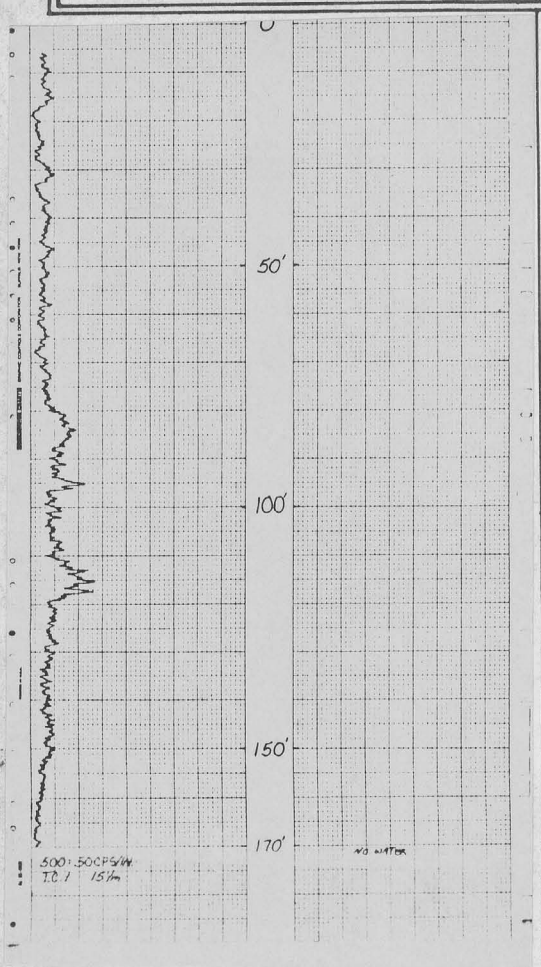
LOCATION ANDERSEN MINE		HOLE NO.	AM 496
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CPS/IN
GP. 1,205,371.9N-630,524.3E	ELEV. 1535	PROBE TYPE	SCINT
		K-FACTOR	5.70×10^{-5}
		DEAD TIME	7.14u
		TIME CONSTANT	1
SEC. TWP. RGE.		PROBE DIA.	1 S/A
DATE	3-6-77	CALIPER	
DEPTH DRILLED	170	DIRECTIONAL SURVEY	
DEPTH LOGGED	170	TEMPERATURE	
FOOTAGE LOGGED	170	OPERATOR	KETTERLING
HOLE DIAMETER	5 S/A	DRILLER	FREDDY
WATER FACTOR	-	CONTRACTOR	UNIVERSAL
RESISTIVITY	- OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM				
TOP				
TOTAL FEET				
SCALE RUN				

PROJECT Anderson Mine HOLE SIZE _____ ☑ AIR ☐ WATER HOLE NO. AM497

ELEVATION 1825 NORTH 1,201,616.6 EAST 635,796.1 LOGGED BY CZH DATE 3-30-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 170 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Wht Calc Tuff or LS, W/Brn to DK Brn Chert, Calcareous
	20					Sltst, Pale Grn, Calcareous
	40					Sltst, Yel Tan to Tan Grn, Trace silicification
	50'					
	60					Sltst, LT Tan to Wht
						Sltst Tan
	80					Sltst, Grn
	100'					
	100					Sltst, Yel Tan
	20					Sltst, Tan Grn, W/Yel Brn + Red Brn Chert
	40					Sltst, Grn
	150'					
	60					Andesitic Volcanics Red Brn to Gry Brn
	170'					
	170					
	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-497

LOCATION	ANDERSON MINE	GAMMA SCALE	500 = 50CPS/IN.
COUNTY	Yavapai STATE Ariz.	PROBE TYPE	Scint.
GR. 1,201,616.6N-635,796.1E	ELEV. 1825	K FACTOR	5.7
SEC.	TWP. RGE.	DEAD TIME	7.14
DATE	3/30/77	TIME CONSTANT	1
DEPTH DRILLED	170'	PROBE DIA.	1 5/8"
DEPTH LOGGED	170'	CALIPER	
FOOTAGE LOGGED	170'	DIRECTIONAL SURVEY	
HOLE DIAMETER	5" To 170'	TEMPERATURE	
WATER FACTOR		OPERATOR	Hudson
RESISTIVITY	OHMS/INCH	DRILLER	FRED
SELF POTENTIAL	M.V./IN.	CONTRACTOR	Roberts
		LAST A.B.C. PIT RUN	
		FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

REMARKS:

PROJECT ANDERSON HOLE SIZE ☐ AIR ☐ WATER HOLE NO. AM 498

ELEVATION NORTH EAST LOGGED BY LUCHT DATE 20 APRIL 77

SECTION TOWNSHIP RANGE T.D. 580 P.D.

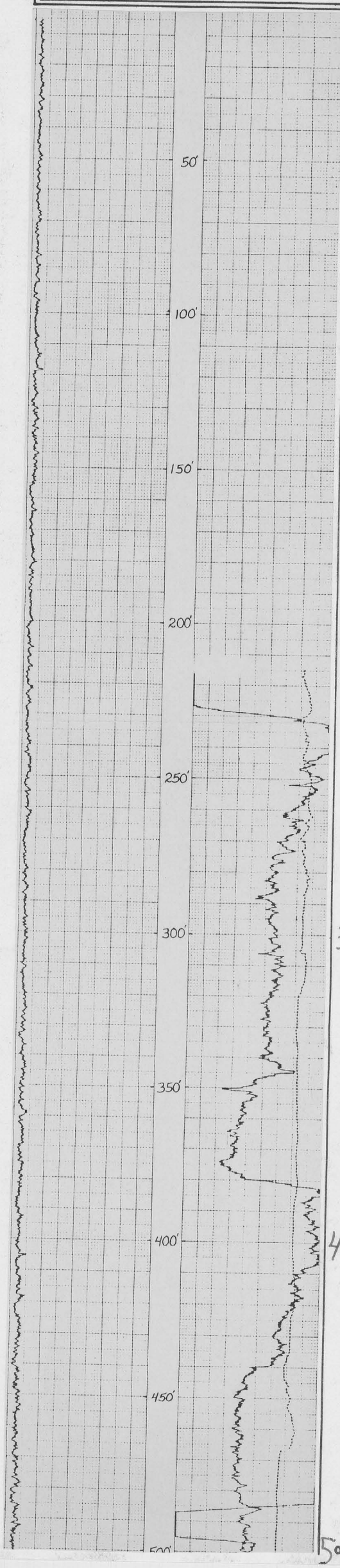
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	500					GREENISH SILTSTONE 500 - 515 NO CARBON
	520					515 - 535 VC. SANDSTONE
	540					535 - 550 GREENISH SILTSTONE W/ CARBON SOME VOLCANICS
	560					550 - 580 GREENISH SILTSTONE W ABUNDANT VOLCANICS
	580					
	00					
	20					
	40					HOLE DEEPENED TO 580 PROBE COULD NOT GET DOWN. LAST DAY — DRILLERS GONE
	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. AM498

ELEVATION 1788 NORTH 1,201,443.8 EAST 633,529.6 LOGGED BY C. Zill DATE 4-3-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 525 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



DEPTH: 20, 40, 60, 80, 100, 20, 40, 60, 80, 200, 20, 40, 60, 80, 300, 20, 40, 60, 80, 400, 20, 40, 60, 80, 500

Cgl, Tan to Lt Tan, Volcanics + Granitic Pebs + Frags

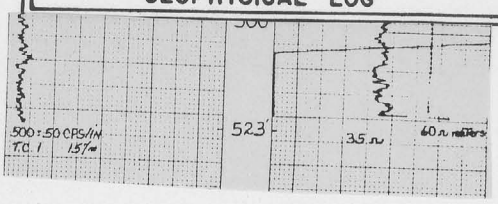
SS, Med to Crs, Granitic, Vol Tan to Tan Sub Ang, Poor, Arkosic

SS, Tan to Grn Tan, Fine to Crs, Arkosic Qtz, Feld, Biotite Granitic + Metamorphic Trace of Intbdd Grn Sltst, Sub Ang, Sorting Poor,

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM498

ELEVATION 1788 **NORTH** 1,201,443.8 **EAST** 633,529.6 **LOGGED BY** CEH **DATE** 4-3-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 525 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						SS, Tan to Grn Tan, Fine to Crs, Arkosic, Qtz, Felds, Biotite, Granitic + Metamorphics Trace of Intbld Grn Shot, Sub Ang, Sorting Poor.

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-498

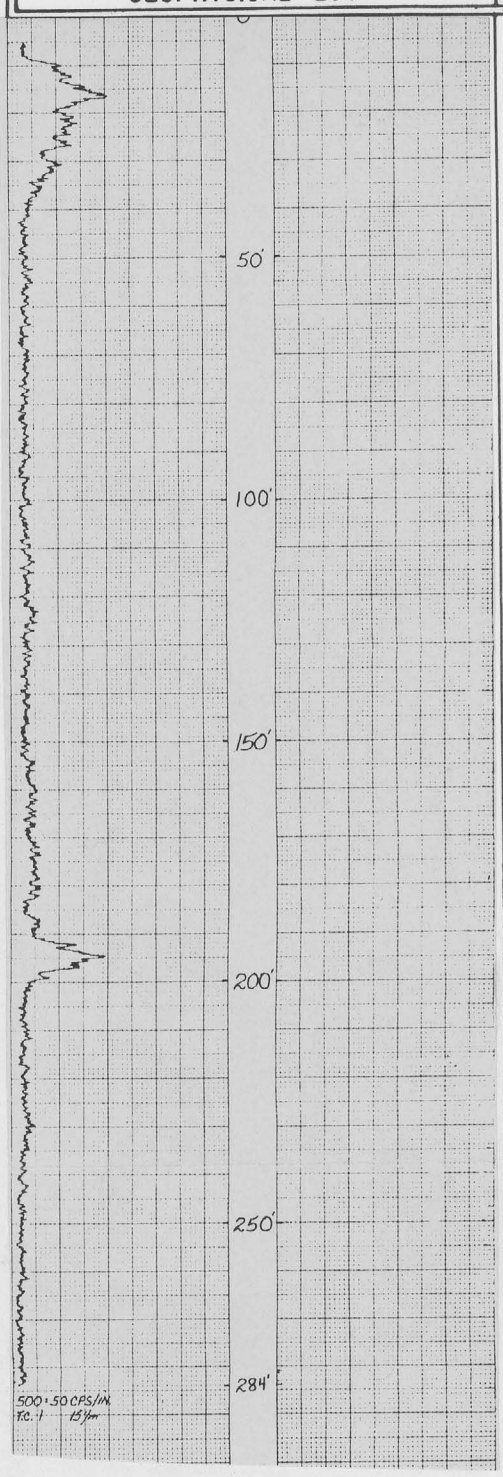
LOCATION	ANDERSON MINE	GAMMA SCALE	500:50 CPS/in
COUNTY	Yavapai STATE Ariz.	PROBE TYPE	Scint.
GP. 1,201,443.8N-633,529.6E	ELEV. 1788	K FACTOR	5.7×10^{-3}
SEC.	TWP. RGE.	DEAD TIME	7.14 μ sec.
DATE	4/3/77	TIME CONSTANT	1
DEPTH DRILLED	525'	PROBE DIA.	1 3/8"
DEPTH LOGGED	523'	CALIPER	
FOOTAGE LOGGED	523'	DIRECTIONAL SURVEY	
HOLE DIAMETER	5" To 525'	TEMPERATURE	
WATER FACTOR		OPERATOR	Hudson
RESISTIVITY	3.5 OHMS/FOOT 60 ohm meters	DRILLER	FRED
SELF POTENTIAL	M.V./IN.	CONTRACTOR	Roberts
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	LAST A.E.C. PIT RUN	
BOTTOM		FLUID LEVEL	
TOP		REMARKS	
TOTAL FEET			
SCALE RUN			

PROJECT Anderson Mine **HOLE SIZE** ____ ☑ AIR ☐ WATER **HOLE NO.** AM 499

ELEVATION 1737 **NORTH** 1,200,843.3 **EAST** 634,723.3 **LOGGED BY** C.Z.H. **DATE** 3-31-77

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 285 **P.D.** ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth scale: 20, 40, 60, 80, 100, 20, 40, 60, 80, 200, 20, 40, 60, 80, 285, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

Lithology log:

- Cgl, Qal
- Sltst, Grn, w/Trace Limonite Staining
- Sltst, Grn + Wht Calc Tuff or Ls, w/Red Brn Chert
- Sltst, Tan Grn, Trace silicification
- SS, Tan Fine to Med, Trace Larger Pebs, Sub Ang, Med to Poor;
- Cgl, Tan
- SS, Slty to V. Slty, Grn to Grn Tan, Alk Sub Ang to Ang
- Sltst, Tan Brn, Sndy
- Sltst Tan Brn to Orange Brn to Red Brn Trace to com Volcanic Frags
- Sltst, Grn
- Sltst, Red Brn, Trace Volcanics
- Andesitic Volcanics, Red Brn to Gry Brn

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-499

LOCATION ANDERSON MINE

COUNTY Yavapai STATE ARIZ

GP. 1,200,843.3N-634,723.3E ELEV. 1737

SEC.	TWP.	RGE.
DATE	3/31/77	
DEPTH DRILLED	285'	
DEPTH LOGGED	284'	
FOOTAGE LOGGED	284'	
HOLE DIAMETER	5" TO 285'	
WATER FACTOR		
RESISTIVITY	OHMS/INCH	
SELF POTENTIAL	M.V./IN.	

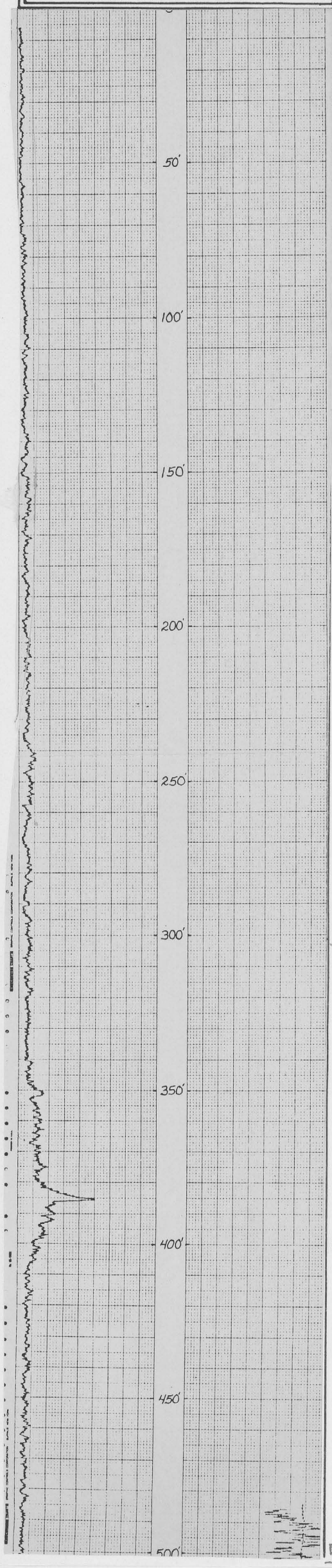
	1ST. RUN	2ND. RUN	3RD. RUN
REBUNS			
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

GAMMA SCALE	500=50CPS/in.
PROBE TYPE	Scint.
K FACTOR	5.7×10^{-5}
DEAD TIME	7.14 m secs.
TIME CONSTANT	1
PROBE DIA.	1 3/8"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	FRED
CONTRACTOR	Roberts
LAST A.E.C. PIT RUN	
FLUID LEVEL	NONE
REMARKS:	

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** Am 500

ELEVATION 2007 **NORTH** 1,200,820.1 **EAST** 635,712.2 **LOGGED BY** CZH **DATE** 4-1-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 740 **P.D.** _____

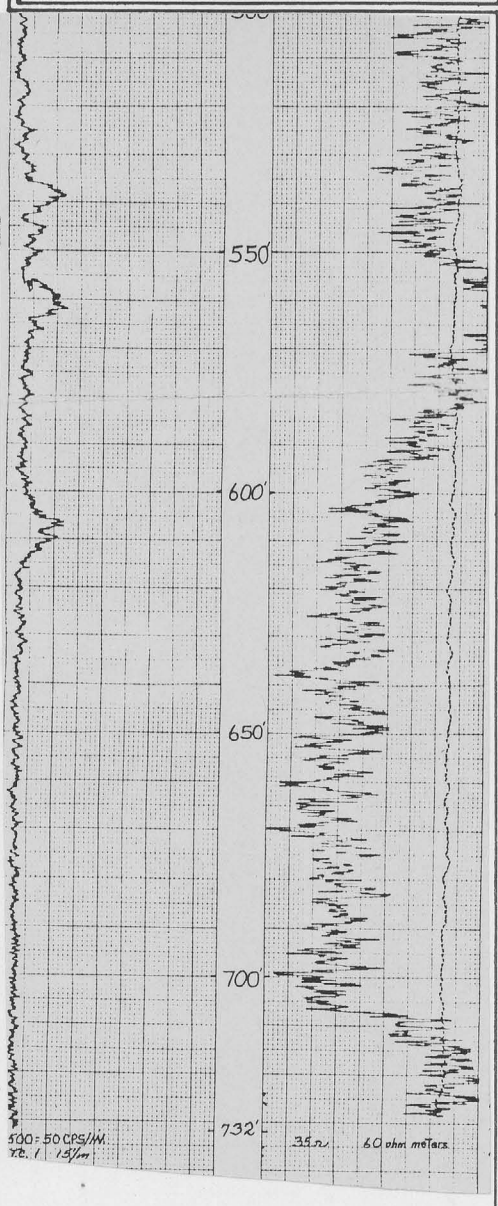
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Basalt DkGry to Blk
	40					
	50'					
	60				QTb	~~Cgl, Red Brn Bake Zone~~
					Tcgl/ss	
	80					Cgl, Red Brn, Bake Zone } Basaltic Frags
	100'					
	100					SS, Fine, Tan, Granitic to Med
	20					
	40					Cgl, Tan, Granitic
	150'					
	60					
	80					SS, Tan, Silty to V. Silty
	200'					
	200				Tcgl/ss	
					T1	
	20					
	40					Siltst Grn Tan to Grn
	250'					
	60					
	80					Wht Calc Tuff or Ls + Intbdd Gry Grn Siltst. Wht + Gry, Grn,
	300'					
	300					
	20					
	40					Siltst, Grn, silicified, W/Grn sub-Chert throughout, Intbdd Gry Wht Bentonite
	350'					
	60					
	80					
	400'					
	400					} Red Brn Chert
	20					
	40					
	450'					SS, Fine to Med, Tan Grn Poor, Sub Ang W/INTBDD Siltst Grn Bentonite + Wht Calc Tuff or Ls, Trace silicification
	60					
	80					
	500'					
	500					

PROJECT Anderson Mine **HOLE SIZE** ____ ☐ AIR ☑ WATER **HOLE NO.** AM500

ELEVATION 2007 **NORTH** 1,200,820.1 **EAST** 635,712.2 **LOGGED BY** CZH **DATE** 4-1-77

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 740 **P.D.** ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth	Strip Log	Lithology Log
20		} Trace Carbon?
40		Sltst, Tan Grn to Grn, Thin Intbdd SS throughout
60		} w/Intbdd Brn Ls? or Calc Tuff Limonite Staning
80		} Red Brn sltst Intbdd
600		sltst, Red Brn, Grn and Yel Tan
20		sltst, Grn, w/Intbdd Wht Calc Tuff or Ls
40		} Red Brn sltst Intbdd
60		sltst Red Brn + Intbdd Grn sltst w/Trace Red Brn Volcanic Frags
80	T1?	
700	TV	Andesitic Volcanics Red Brn to Orange Brn to Gry Brn
20		
740		
60		
80		
00		
20		
40		
60		
80		
00		
20		
40		
60		
80		
00		

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE		
COUNTY	Yavapai	STATE	ARIZ.
GP.	1,200,820.1N-635,712.2E	ELEV.	2007
SEC.	TWP.	RGE.	
DATE	4/1/77		
DEPTH DRILLED	740'		
DEPTH LOGGED	732'		
FOOTAGE LOGGED	732'		
HOLE DIAMETER	5⅝" To 740'		
WATER FACTOR			
RESISTIVITY	35 OHMS/~~INCH~~ 60 ohm meters		
SELF POTENTIAL	M.V./IN.		
REMARKS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

HOLE NO.	AM-500
GAMMA SCALE	500=50CPS/IN.
PROBE TYPE	SCINT.
K-FACTOR	5.7^{10-5}
DEAD TIME	7.14 μsec.
TIME CONSTANT	1
PROBE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Frank
CONTRACTOR	Roberts
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	