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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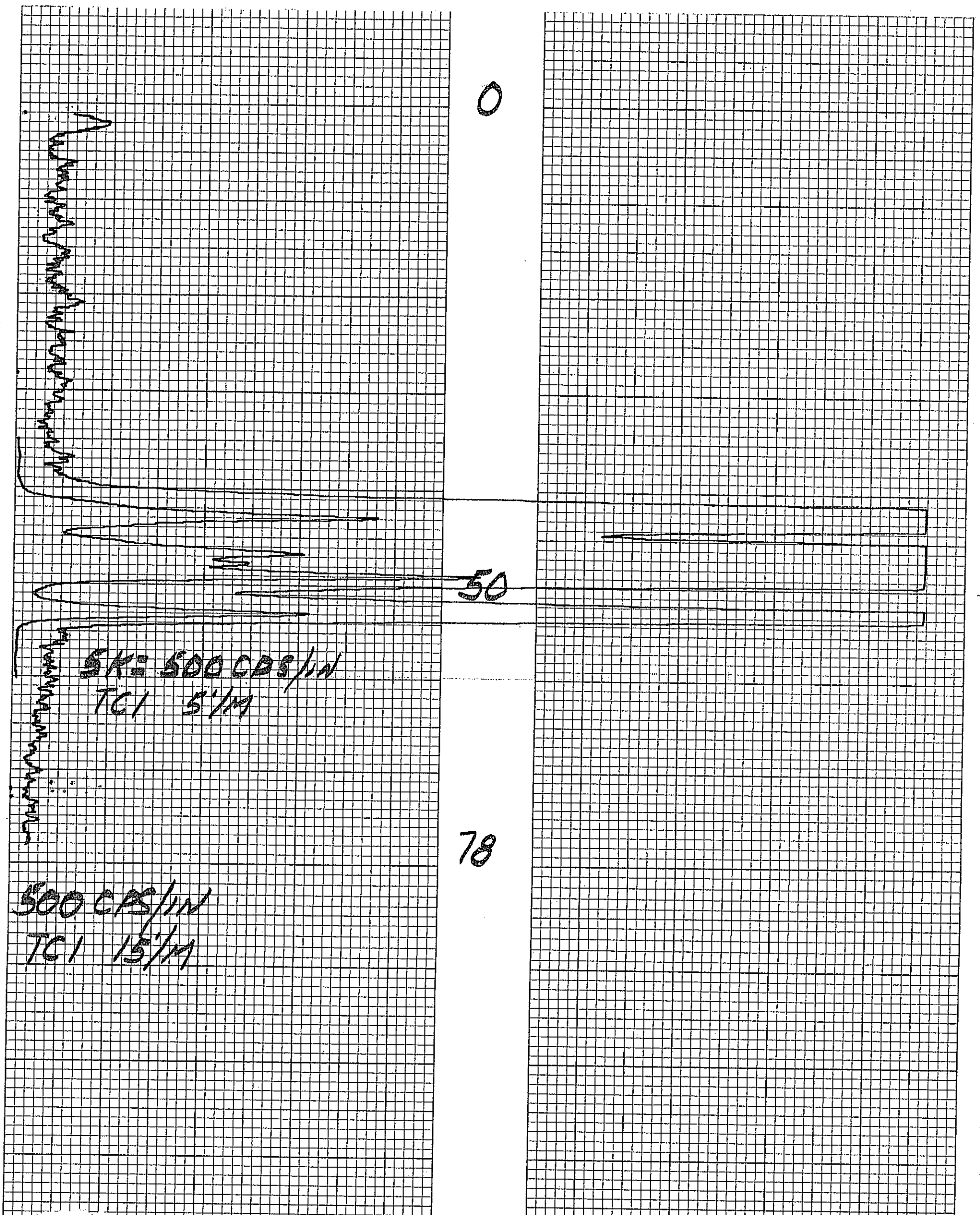
MINERALS EXPLORATION CO.

CASPER, WYOMING **HOLE NO.** AM-301

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500=50CPS
COUNTY YAVAPAI	**STATE** ARIZONA	**PROBE TYPE**	SCINT
GP. 1206 980.58N 88 762.29E	**ELEV.**	**K-FACTOR**	5.70x10-5
		DEAD TIME	7.14
		TIME CONSTANT	1
SEC.	**TWP.** **RGE.**	**PROBE DIA.**	1 5/8
DATE	12-2-76	**CALIPER**	
DEPTH DRILLED	80	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	78	**TEMPERATURE**	
FOOTAGE LOGGED	103	**OPERATOR**	BRADLEY-KETT
HOLE DIAMETER	5 5/8	**DRILLER**	RUSS
WATER FACTOR	DRY	**CONTRACTOR**	REID & S
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	60			
TOP	35			
TOTAL FEET	25			
SCALE RUN	5/5=500CPS/IN			



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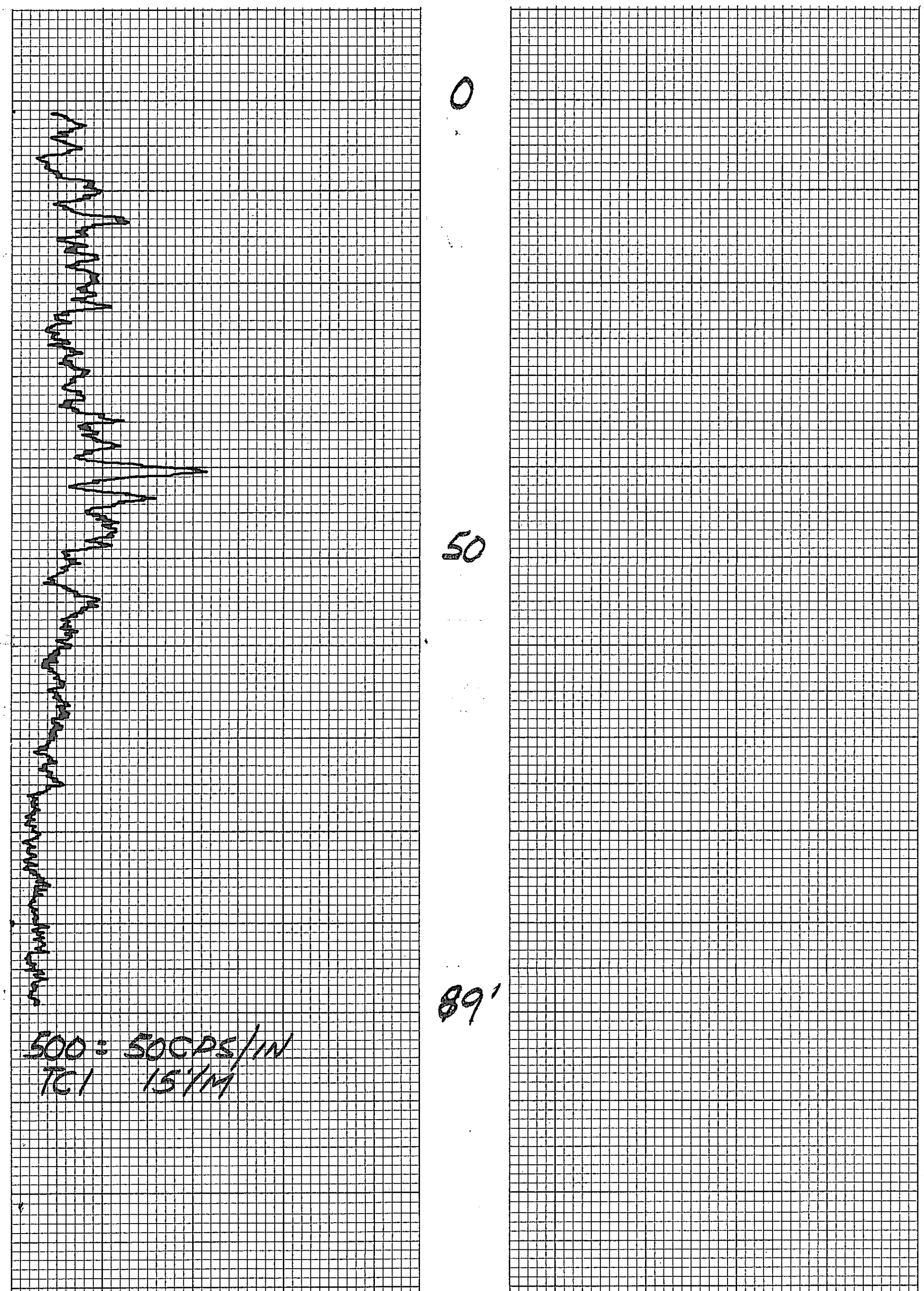
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-302

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZ.		
GP. 1206 999.47N 88 545.59E	ELEV.		
SEC.	TWP.	RGE.	
DATE	12.2.76		
DEPTH DRILLED	100		
DEPTH LOGGED	99		
FOOTAGE LOGGED	99		
HOLE DIAMETER	5 5/8		
WATER FACTOR	DRY HOLE		
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	5.70x10-5
DEAD TIME	7.14μS
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	BRADLEY-KETT
DRILLER	RUSS.
CONTRACTOR	REIDS
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



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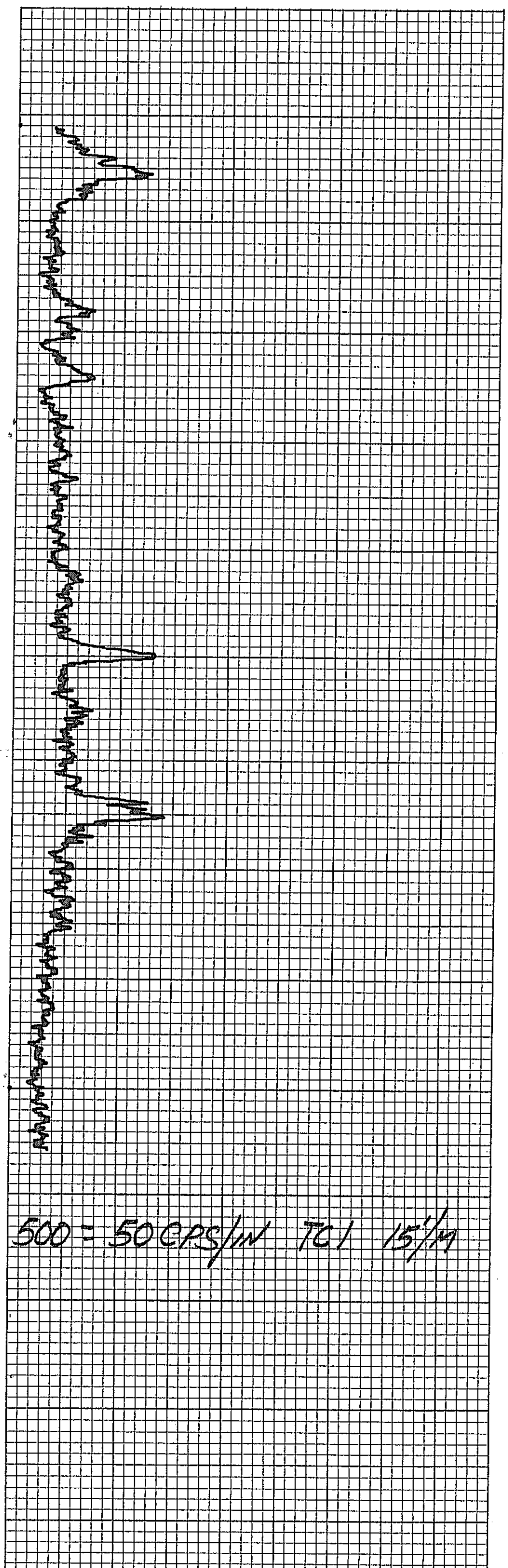
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-303

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP. 1206 903.54N 88 151.80E	ELEV.		
SEC.	TWP.	RGE.	
DATE	DEC. 3, 76		
DEPTH DRILLED	100		
DEPTH LOGGED	96		
FOOTAGE LOGGED	96		
HOLE DIAMETER	5 5/8"		
WATER FACTOR	DRY		
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	7.14μsec
TIME CONSTANT	1
PROBE DIA.	
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	RUSS
CONTRACTOR	REID & S
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



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96 T.D.

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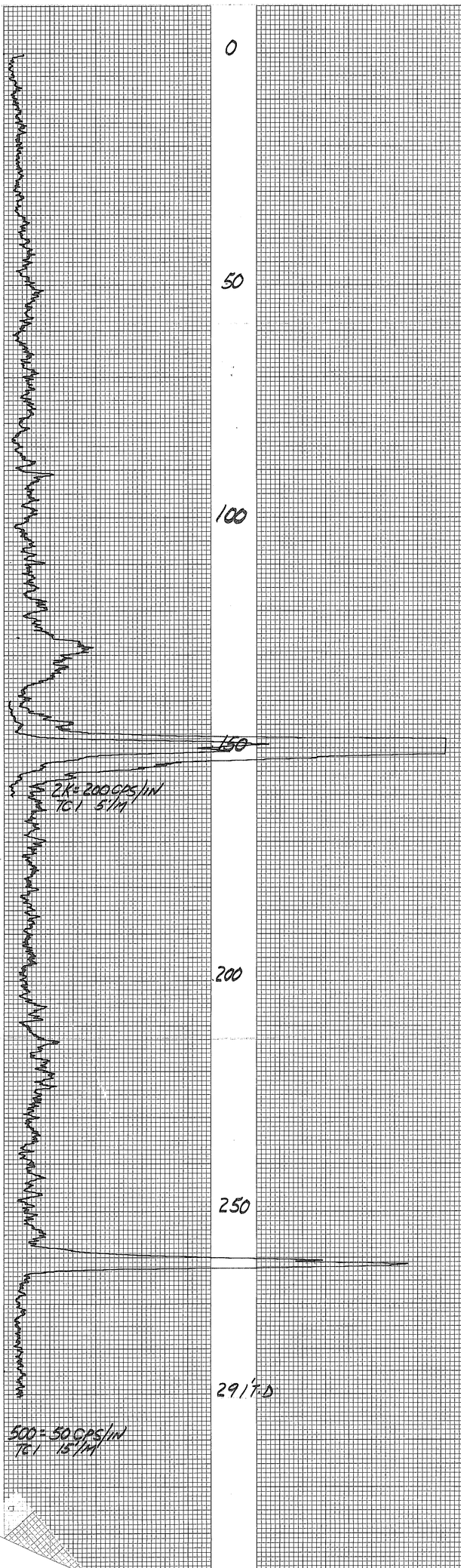
CASPER, WYOMING — **HOLE NO.** AM-304

LOCATION	ANDERSEN MINE	GAMMA SCALE	500 = 50CPS
		PROBE TYPE	SCINT
COUNTY	YAVAPAI — STATE ARIZONA	K-FACTOR	5.70X10-5
GP.	1205743.41N 89150.11E — ELEV.	DEAD TIME	7.14
		TIME CONSTANT	1
SEC.	TWP. — RGE.	PROBE DIA.	1 5/8
DATE	12-2-76	CALIPER	
DEPTH DRILLED	300	DIRECTIONAL SURVEY	
DEPTH LOGGED	291	TEMPERATURE	
FOOTAGE LOGGED	311	OPERATOR	BRADLEY-KETT
HOLE DIAMETER	5/5-8IN	DRILLER	RUSS.
WATER FACTOR	DRY HOLE	CONTRACTOR	REID & S
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	160			
TOP	140			
TOTAL FEET	20'			
SCALE RUN	2K=200CPS/IN			



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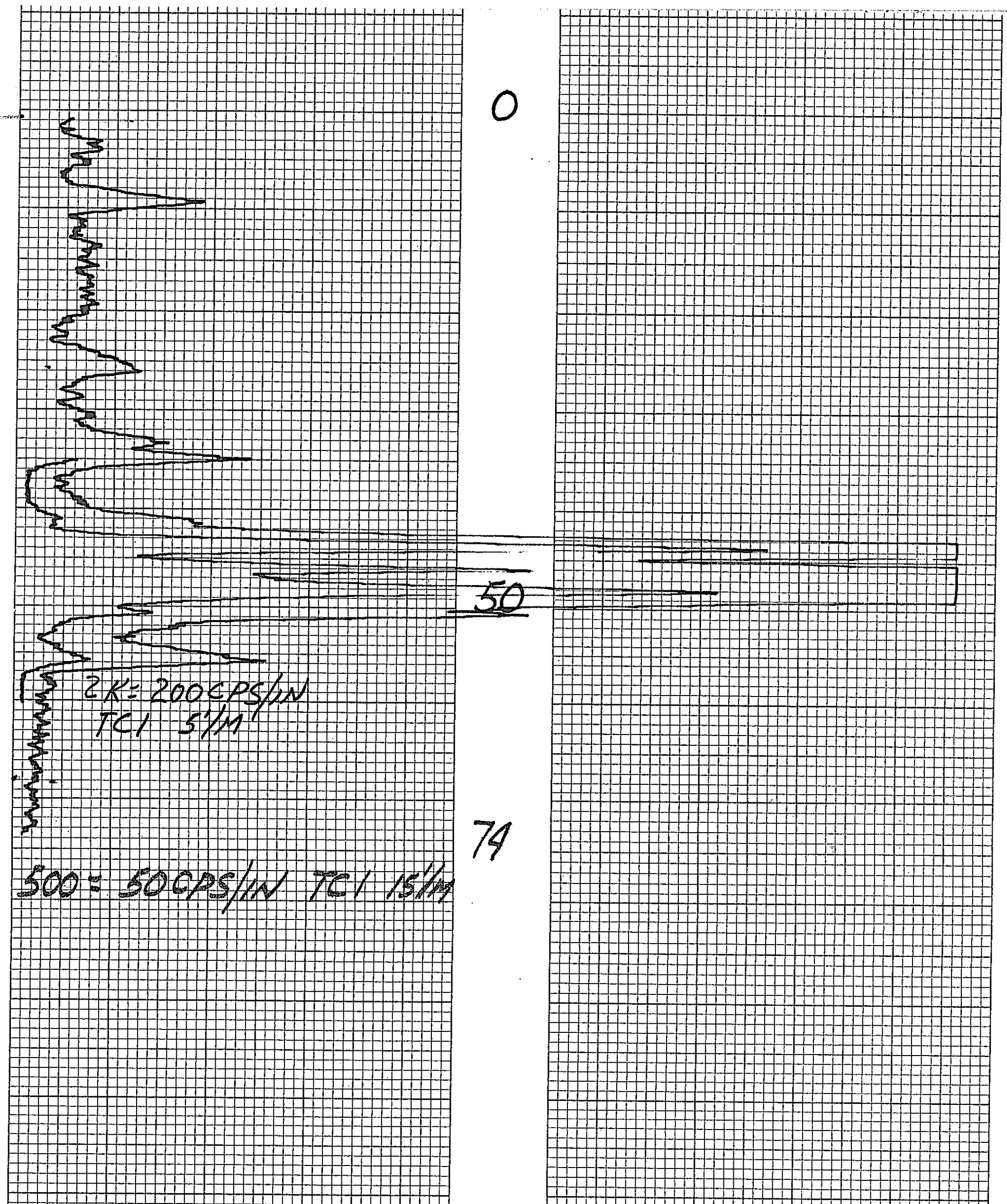
CASPER, WYOMING **HOLE NO.** AM. 305

LOCATION	ANDERSEN MINE	GAMMA SCALE	500 = 50CPS/IN
COUNTY	YAVAPAI STATE ARIZONA	PROBE TYPE	SCINT
GP.	1207006.06N 87956.62E ELEV.	K-FACTOR	5.70×10-5
		DEAD TIME	7.19μ
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	DEC 3,76	CALIPER	
DEPTH DRILLED	80	DIRECTIONAL SURVEY	
DEPTH LOGGED	74	TEMPERATURE	
FOOTAGE LOGGED	99	OPERATOR	RETTERLING
HOLE DIAMETER	5 5/8	DRILLER	RUSS
WATER FACTOR	DRY	CONTRACTOR	REID & S
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	60			
TOP	35			
TOTAL FEET	25			
SCALE RUN	2K=200CPS/IN			



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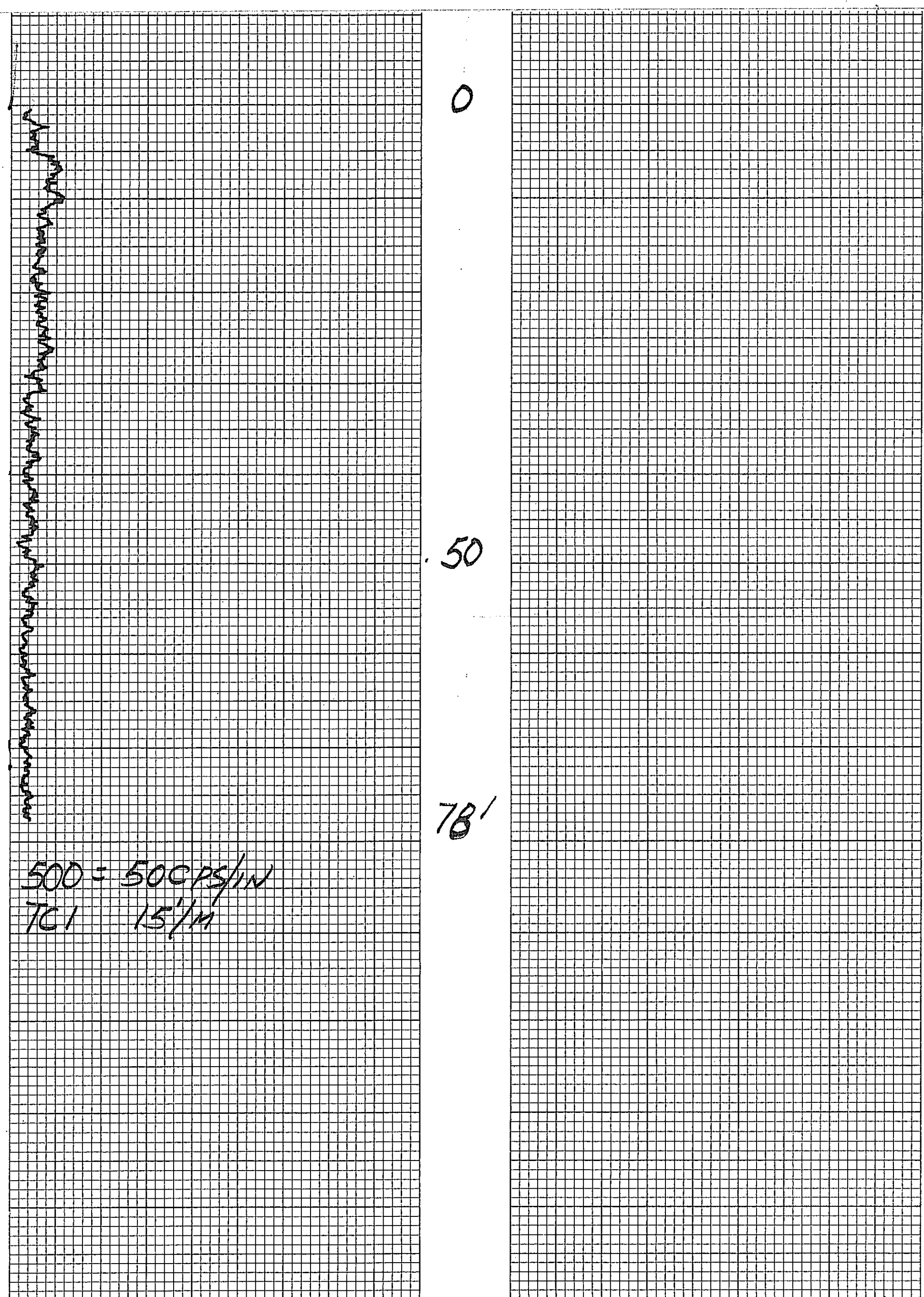
CASPER, WYOMING

HOLE NO. AM-306

LOCATION ANDERSEN MINE		GAMMA SCALE	500=50CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. 1206 904.78N 87 637.74E	ELEV.	K-FACTOR	5.70x10-5
		DEAD TIME	7.14μS
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	DEC. 3,76	CALIPER	
DEPTH DRILLED	80	DIRECTIONAL SURVEY	
DEPTH LOGGED	78	TEMPERATURE	
FOOTAGE LOGGED	78	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	RUSS
WATER FACTOR	DRY	CONTRACTOR	REID & S
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				



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CASPER, WYOMING

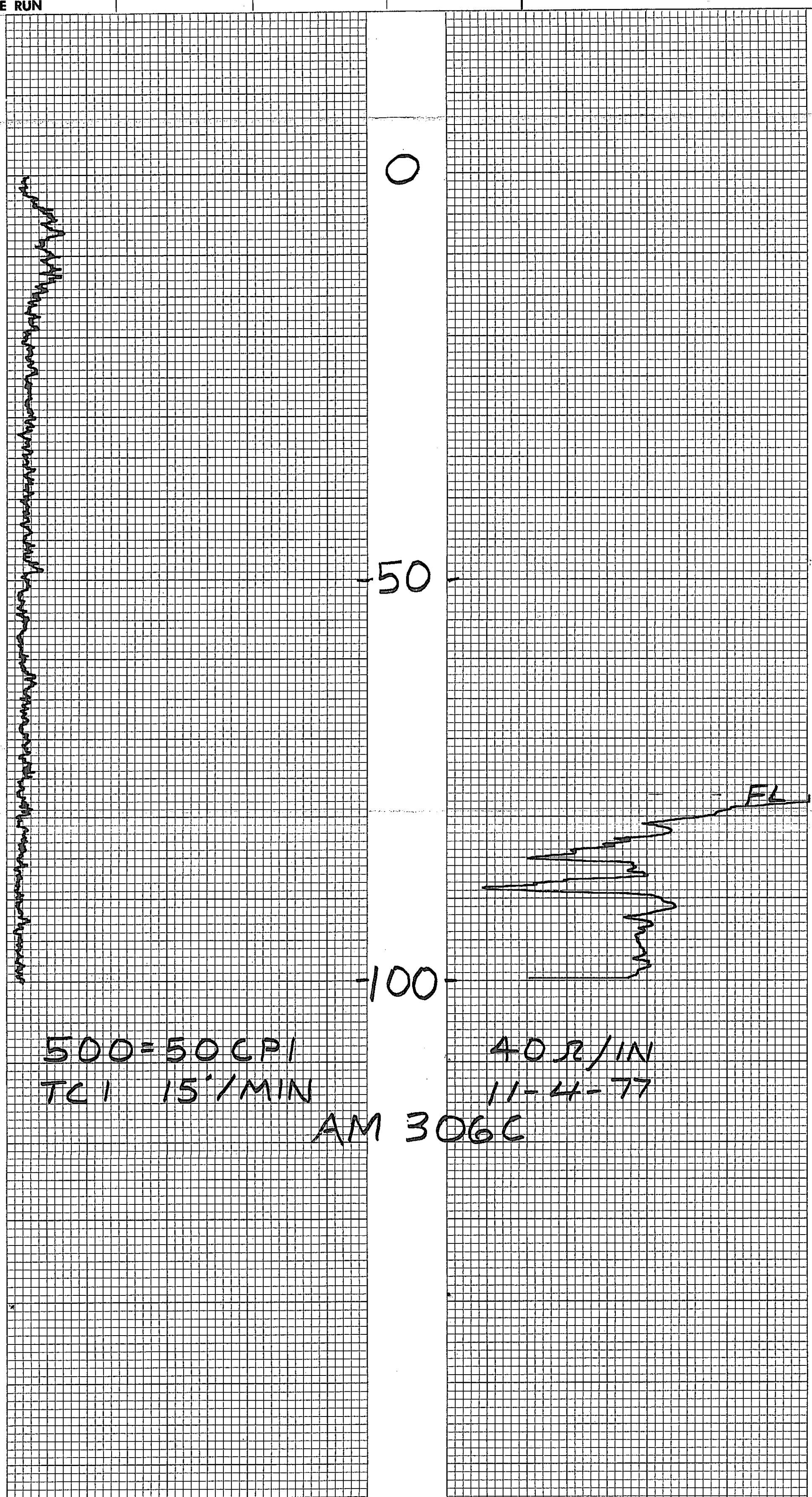
HOLE NO. AM 306C

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	

DATE	11-4-77
DEPTH DRILLED	100
DEPTH LOGGED	100
FOOTAGE LOGGED	100
HOLE DIAMETER	4"
WATER FACTOR	NA
RESISTIVITY	40 OHMS/INCH
SELF POTENTIAL	NA M.V./IN.

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

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.01 E-5
DEAD TIME	9.2 µs
TIME CONSTANT	1 SEC
PROBE DIA.	1 5/8"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	ERIC
DRILLER	
CONTRACTOR	LONGYEAR
LAST A.E.C. PIT RUN	8-31-77
FLUID LEVEL	68'
REMARKS:	



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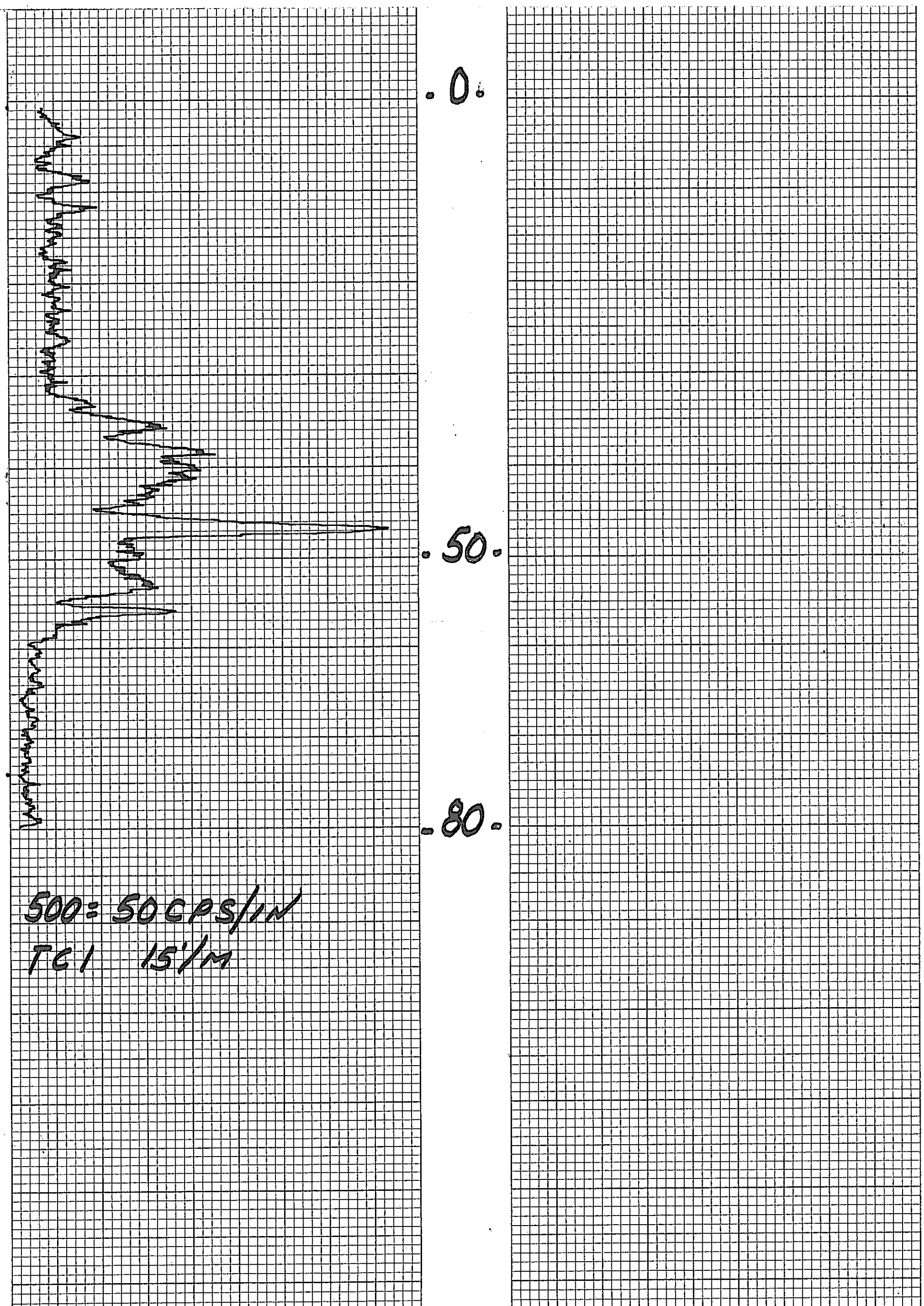
CASPER, WYOMING

HOLE NO. AM 307 (307)

LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP. ~~1,204,382.8N – 641,103.0E~~ 1206 788.85N 87465.63E	ELEV. 1774	K-FACTOR	5.70 x 10 -5
		DEAD TIME	7.14 u
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	1-17-77	CALIPER	
DEPTH DRILLED	80	DIRECTIONAL SURVEY	
DEPTH LOGGED	80	TEMPERATURE	
FOOTAGE LOGGED	80	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	JIM
WATER FACTOR	–	CONTRACTOR	
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				



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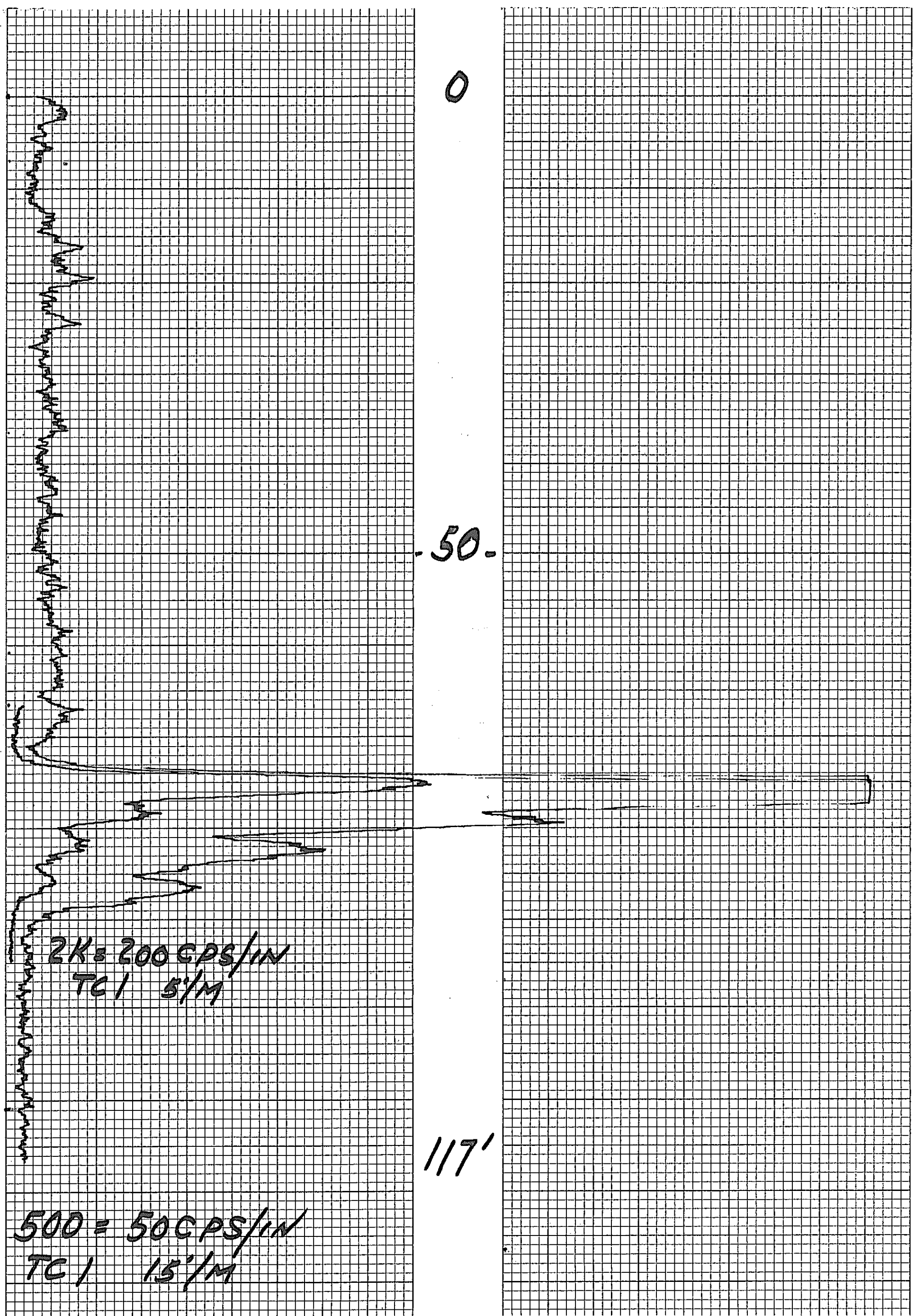
CASPER, WYOMING **HOLE NO.** AM 308

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500 = 50CPS/IN
COUNTY YAVAPAI **STATE** ARIZONA		**PROBE TYPE**	SCINT.
		K-FACTOR	5.70x10-5
GP. 1206608.69N 87361.38E ~~1,204,201.2N - 641,002.4E~~ **ELEV.** 1770		**DEAD TIME**	7.14μ
		TIME CONSTANT	1
SEC. **TWP.** **RGE.**		**PROBE DIA.**	1 5/8
DATE	1-18-77	**CALIPER**	
DEPTH DRILLED	120	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	117	**TEMPERATURE**	
FOOTAGE LOGGED	145	**OPERATOR**	KETTERLING
HOLE DIAMETER	5 5/8	**DRILLER**	JIM
WATER FACTOR	AIR / FOAM	**CONTRACTOR**	
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	95			
TOP	67			
TOTAL FEET	28			
SCALE RUN	2K: 200CPS/IN			



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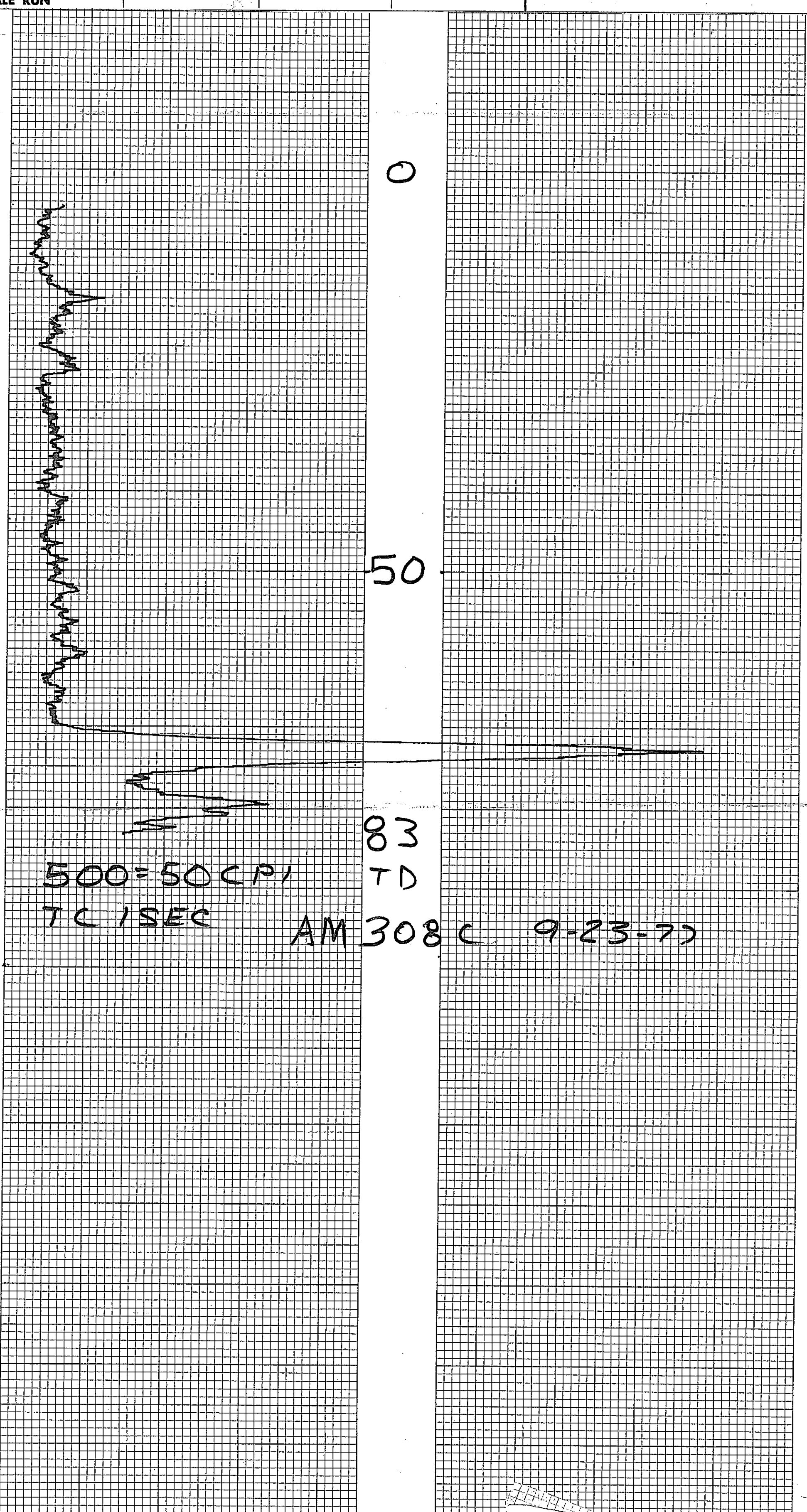
CASPER, WYOMING **HOLE NO.** AM 308C

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	**STATE**	AZ
GP.		**ELEV.**	
SEC.	**TWP.**	**RGE.**	

DATE	9-23-77		
DEPTH DRILLED	85		
DEPTH LOGGED	83		
FOOTAGE LOGGED	83		
HOLE DIAMETER	4"		
WATER FACTOR	1.0		
RESISTIVITY	—	**OHMS/INCH**	
SELF POTENTIAL	—	**M.V./IN.**	
RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

GAMMA SCALE	500=50 CPI
PROBE TYPE	SCINT
K-FACTOR	5.42 E-5
DEAD TIME	7.75 μSEC
TIME CONSTANT	1 SEC
PROBE DIA.	1 5/8"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	ERICKSON
DRILLER	TALBOT
CONTRACTOR	BOYLES BROS
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



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MINERALS EXPLORATION CO.

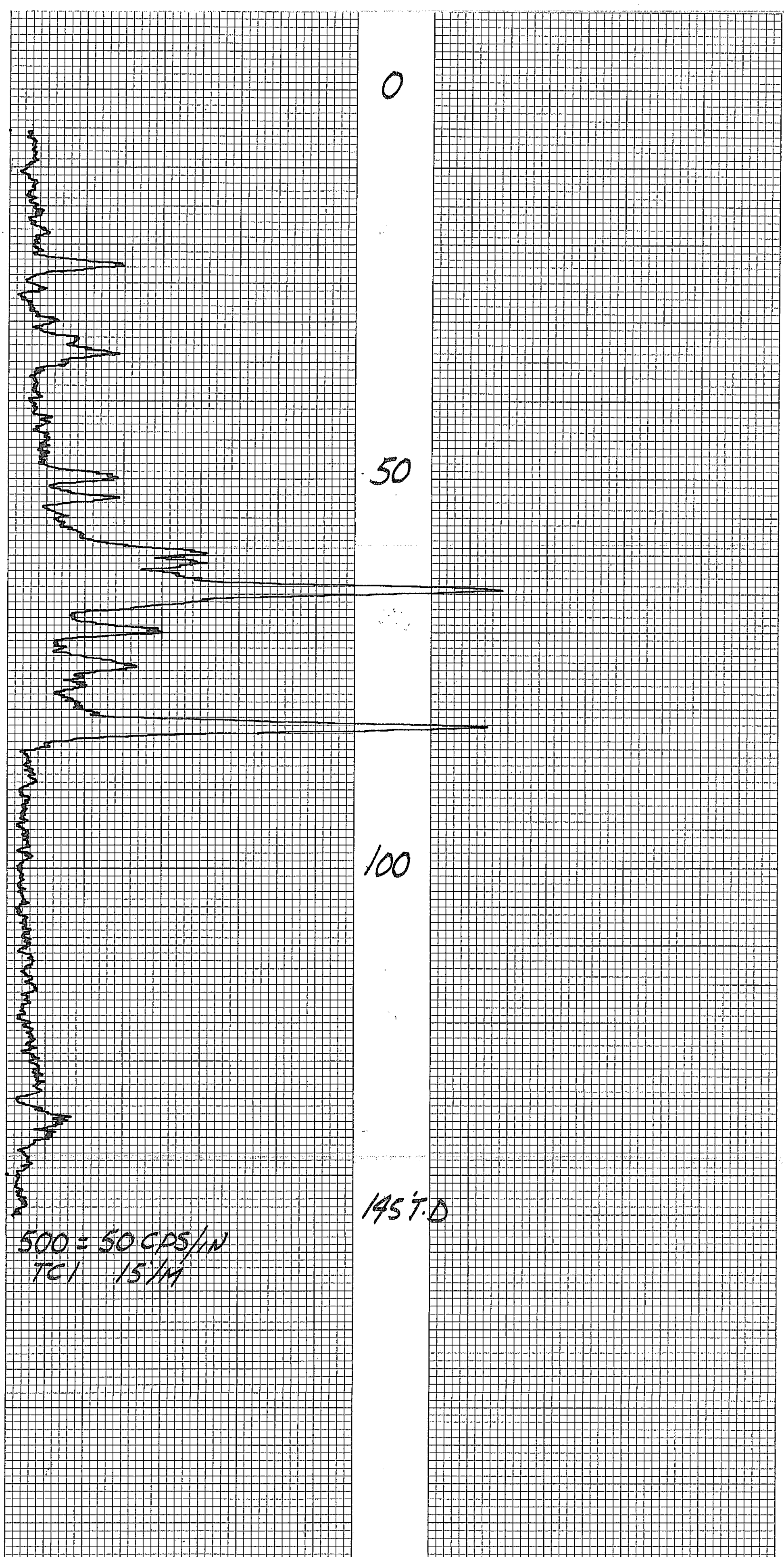
CASPER, WYOMING

HOLE NO. AM-309

LOCATION ANDERSEN MINE		GAMMA SCALE	500=50CPS
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP. 1206608.84N 87965.48E	ELEV.	K-FACTOR	5.70 x 10-5
		DEAD TIME	7.14μ
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	15/8
DATE	DEC. 8,76	CALIPER	
DEPTH DRILLED	150	DIRECTIONAL SURVEY	
DEPTH LOGGED	145	TEMPERATURE	
FOOTAGE LOGGED	145	OPERATOR	KETTERING
HOLE DIAMETER	5 5/8	DRILLER	JIM
WATER FACTOR	DRY	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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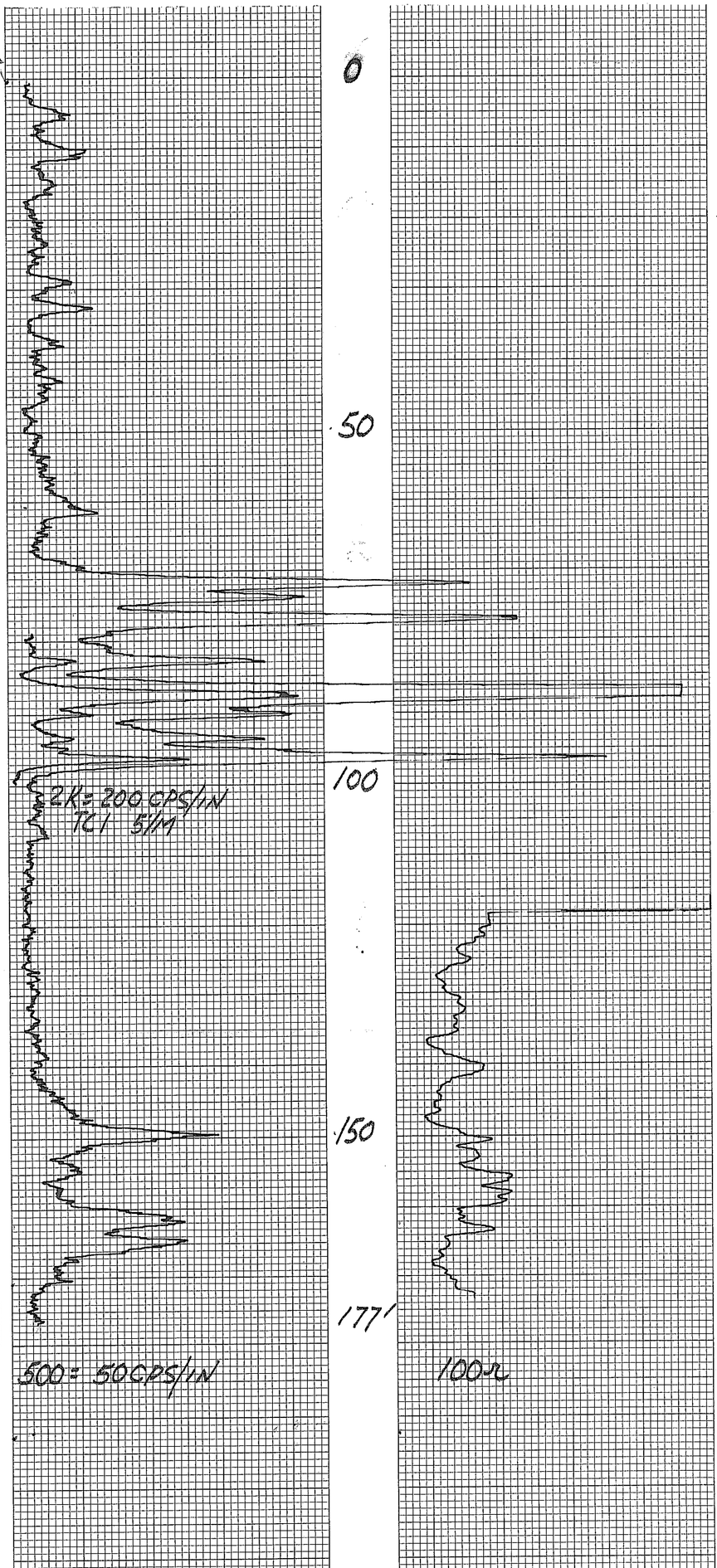
CASPER, WYOMING **HOLE NO.** AM-310

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500 = 50CPS
COUNTY YAVAPAI	**STATE** ARIZONA	**PROBE TYPE**	SCINT.
GP. 1206 548.11N 88 172.42E	**ELEV.**	**K-FACTOR**	5.70 x 10-5
		DEAD TIME	7.19μ
		TIME CONSTANT	1
SEC.	**TWP.** **RGE.**	**PROBE DIA.**	1 5/8
DATE	DEC. 8, 76	**CALIPER**	
DEPTH DRILLED	180	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	177	**TEMPERATURE**	
FOOTAGE LOGGED	198	**OPERATOR**	KETTERLING
HOLE DIAMETER	5 5/8	**DRILLER**	AL
WATER FACTOR	1.22	**CONTRACTOR**	WILLIAMS
RESISTIVITY	100 OHMS/INCH	**LAST A.E.C. PIT RUN**	
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	118

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	100		
TOP	79		
TOTAL FEET	21		
SCALE RUN	2K = 200CPS/IN		

REMARKS:



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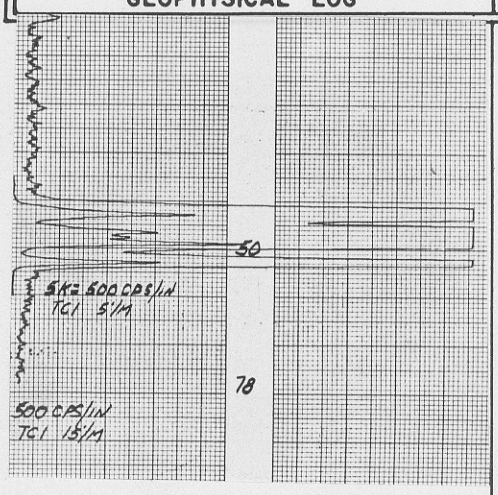
PROJECT Anderson Mine HOLE SIZE _____ ☑ AIR ☐ WATER HOLE NO. AM 301

ELEVATION [redacted] 1840 NORTH 1,204,597.6 EAST 642,395.6 LOGGED BY CZH DATE 1-19-77

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						LS + Intbdd Sltst, Wht + Grn, Yel Brn Chert, Calcareous Silicified
	20					Sltst, Grn, Non-Calc, Silicified, Grn
	40					Silicified Sltst, Grn, Yel Mineral (Carnotite),
						Sltst, Some Silicification, Red Staining, Lt Gry to Grn
	60					Sltst, Grn, Bentonitic
						Andesitic Volcanics
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

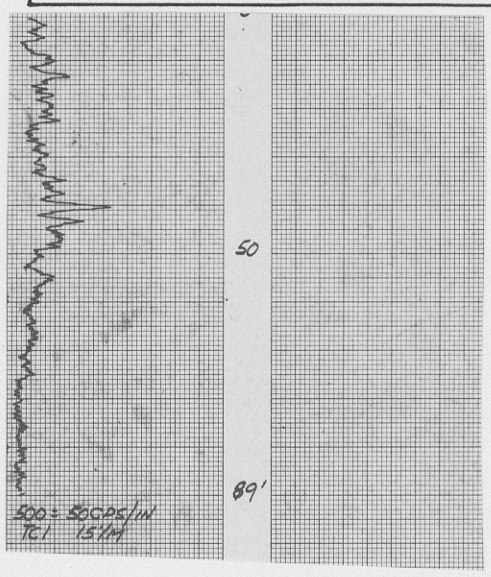
LOCATION	ANDERSEN MINE	HOLE NO.	AM-301
COUNTY	YAVAPAI STATE ARIZONA	GAMMA SCALE	500=50CPS
GP.	ELEV.	PROBE TYPE	SCINT
SEC.	TWP. RGE.	K-FACTOR	5.70x10-5
DATE	12-2-76	DEAD TIME	7.14
DEPTH DRILLED	80	TIME CONSTANT	1
DEPTH LOGGED	78	PROBE DIA.	1 5/8
FOOTAGE LOGGED	123	CALIPER	
HOLE DIAMETER	5 5/8	DIRECTIONAL SURVEY	
WATER FACTOR	DRY	TEMPERATURE	
RESISTIVITY	— OHMS/INCH	OPERATOR	BRADLEY-NITT
SELF POTENTIAL	M.V./IN.	DRILLER	RUSS
		CONTRACTOR	REID LS
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	60		
TOP	35		
TOTAL FEET	25		
SCALE RUN	SK=500CPS/IN		

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM 302

ELEVATION 1841 **NORTH** 1204613.4 **EAST** 642,197.2 **LOGGED BY** GM **DATE** 12-11-76

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 100 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						

CHERT / DOLO (?) GRY → OLIVE
NON-CALC

MDSTN, OLIVE, NON-CALC

MDSTN/AGGL MAROON → GRY
CALC SOME IS IN HERE
SOMEWHERE

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZ.		
SP.	ELEV.		
SEC.	TWP.	RGE.	
DATE	12.2.76		
DEPTH DRILLED	100		
DEPTH LOGGED	99		
FOOTAGE LOGGED	99		
HOLE DIAMETER	5 5/8		
WATER FACTOR	DRY HOLE		
RESISTIVITY	—	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

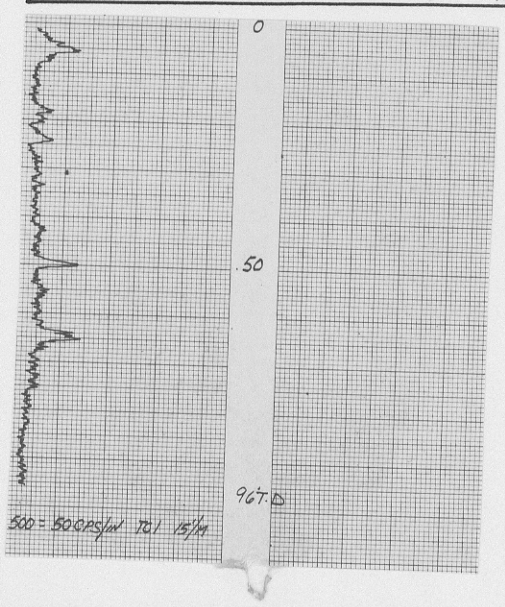
HOLE NO.	AM-302
GAMMA SCALE	500 = 50CPS
PROBE TYPE	SCINT
K-FACTOR	7.5.70X10.5
DEAD TIME	7.14μS
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	BRADLEY-HAD
DRILLER	RUSS.
CONTRACTOR	REID & S
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

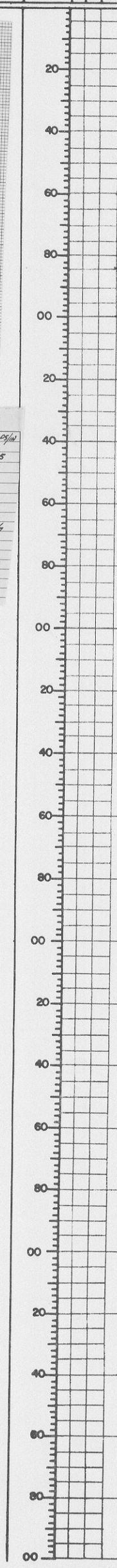
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM 303

ELEVATION 1792 **NORTH** 1204509.6 **EAST** 641787.4 **LOGGED BY** GM **DATE** 12-11-76

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 100 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





mdstn/chert, grey → maroon, non-calc	
Dolomite (?)/chert, grey → red → white Non-calc.	
sltstn / mdstn., tan - brn., non-calc.	
mdstn, white → lt. grey., non-calc.	
agglm./mdstn, maroon → grey, non-calc	
slt stn, tan. → brn,, calc.	

CASPER, WYOMING

LOCATION ANDERSEN MINE		HOLE NO.	AM-303
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500 = 50CPS/IN
GP.	ELEV.	PROBE TYPE	SCINT.
		K-FACTOR	5.70x10-5
SEC.	TWP. RGE.	DEAD TIME	7.14 μsec
		TIME CONSTANT	1
DATE	DEC. 3, 76	PROBE DIA.	
DEPTH DRILLED	100	CALIPER	
DEPTH LOGGED	96	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	96	TEMPERATURE	
HOLE DIAMETER	5 3/8"	OPERATOR	KETTERLING
WATER FACTOR	DRY	DRILLER	RUSS
RESISTIVITY	- OHMS/INCH	CONTRACTOR	REID & S
SELF POTENTIAL	M.V./IN.	LAST A.E.C. PIT RUN	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	FLUID LEVEL	
BOTTOM		REMARKS:	
TOP			
TOTAL FEET			

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-304

ELEVATION 1853 **NORTH** 1,203,368.4 **EAST** 642,805.7 **LOGGED BY** G.M. **DATE** 12-3-76

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 200 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						mdstn / ls, white → tan, calc.
	20					
	40					
50						sltstn, tan, calc., Strange section inserted in here
	60					
	80					
100	00					ls / mdstn, white → buff, minor chert.
	20					
						sltstn, tan, calc.
						mdstn, blu-gry., sub-calc.
	40					sltstn, tan, calc.
150						mdstn, gray, carb., calc.
						lignite, black, carb., calc.
2R=200CPS/IN TC1 5'/M	60					mdstn / ls, gry, carb., calc.
	80					
						sltstn, tan, sub-calc.
200	00					
	20					
	40					
250						
	60					
	80					
291' T.D.	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
500 = 50CPS/IN TC1 15'/M						

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CASPER, WYOMING

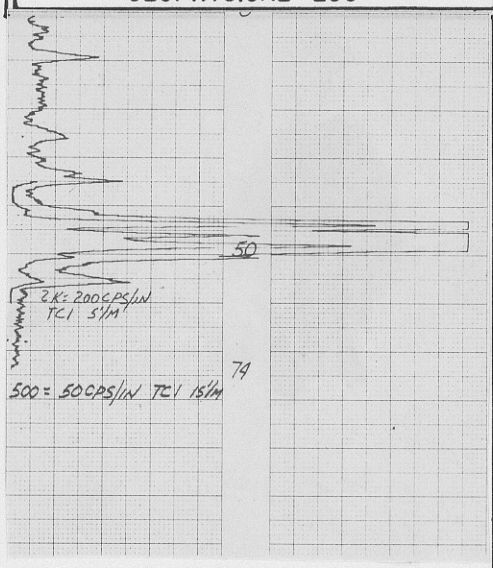
LOCATION	ANDERSEN MINE	HOLE NO.	AM-304
COUNTY	YAVAPAI	STATE ARIZONA	GAMMA SCALE	500 = 50CPS
GP.		ELEV.	PROBE TYPE	SCINT
SEC.	TWP.	RGE.	K-FACTOR	5.70x10-5
DATE	12-2-76	DEAD TIME	7.18
DEPTH DRILLED	300	TIME CONSTANT	1
DEPTH LOGGED	291	PROBE DIA.	1 5/8
FOOTAGE LOGGED	311	CALIPER	
HOLE DIAMETER	5 5/8 IN	DIRECTIONAL SURVEY	
WATER FACTOR	DRY HOLE	TEMPERATURE	
RESISTIVITY	- OHMS/INCH	OPERATOR	BRADLEY-KETT
SELF POTENTIAL	M.V./IN.	DRILLER	RUSS.
		CONTRACTOR	REID & S
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	160		
TOP	140		
TOTAL FEET	20'		
SCALE RUN	2R=200CPS/IN		

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-305

ELEVATION 1822 **NORTH** 1204608.5 **EAST** 641589.6 **LOGGED BY** GM **DATE** 12-11-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					mdstn/chert, olive → gry, Sub-calc. a few is stringers
	40					is, white → gry, calc.
						mdstn/chert, grn → white, non-calc.
	60					mdstn, red → olive, non-calc.
	80					mdstn, maroon → grey, calc.
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

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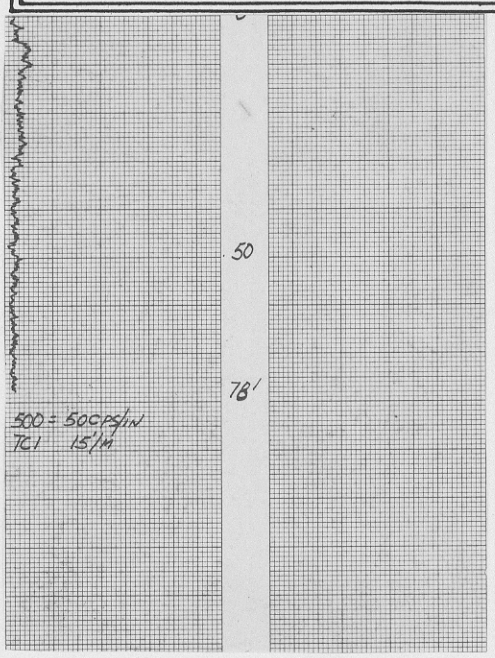
HOLE NO. AM. 305

LOCATION	ANDERSEN MINE	GAMMA SCALE	500 = 50CPS/IN
COUNTY	YAVAPAI	PROBE TYPE	SCINT
STATE	ARIZONA	K-FACTOR	5.70x10-5
GP.		DEAD TIME	7.19u
ELEV.		TIME CONSTANT	1
SEC. / TWP. / RGE.		PROBE DIA.	1 5/8
DATE	DEC 3, 76	CALIPER	
DEPTH DRILLED	80	DIRECTIONAL SURVEY	
DEPTH LOGGED	74	TEMPERATURE	
FOOTAGE LOGGED	99	OPERATOR	HEMERLING
HOLE DIAMETER	5 5/8	DRILLER	RUSS
WATER FACTOR	DRY	CONTRACTOR	REID & S
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	60		
TOP	35		
TOTAL FEET	25		
SCALE RUN	2K=200CPS/IN		

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☐ WATER HOLE NO. AM 306

ELEVATION 1758 NORTH 120450.7 EAST 641 273.3 LOGGED BY G.M. DATE 12-12-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						ls, white → gry, calc., 30% chert (gry)
	20					ss/sltstn, tan, ufg → cg calc.
	40					mdstn/sltstn, maroon, calc.
	60					mdstn/rhyolite, purple calc.
	80					mdstn, brick red, calc.
	00					mdstn, purple, calc.
	20					weathered Silicic Flows and Tuffs
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

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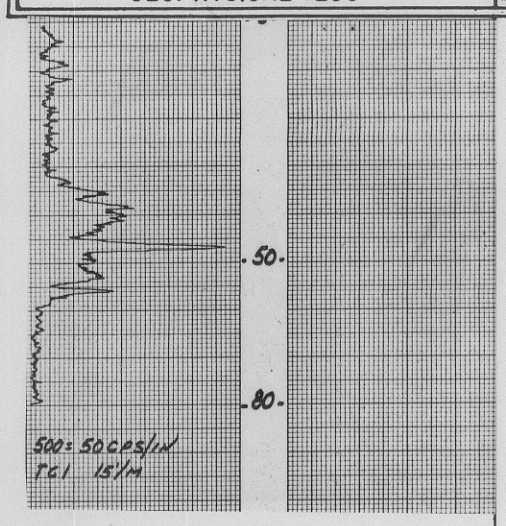
CASPER, WYOMING

LOCATION ANDERSEN MINE		HOLE NO.	AM-306
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CAS/IN
GP.	ELEV.	PROBE TYPE	SCINT.
SEC.	TWP. RGE.	K-FACTOR	5.70x10-5
DATE	DEC. 3, 76	DEAD TIME	7.14μS
DEPTH DRILLED	80	TIME CONSTANT	1
DEPTH LOGGED	78	PROBE DIA.	1 5/8
FOOTAGE LOGGED	78	CALIPER	
HOLE DIAMETER	5 5/8	DIRECTIONAL SURVEY	
WATER FACTOR	DRY	TEMPERATURE	
RESISTIVITY	– OHMS/INCH	OPERATOR	KETTERLING
SELF POTENTIAL	M.V./IN.	DRILLER	RUSS
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	CONTRACTOR	REID & S
BOTTOM		LAST A.E.C. PIT RUN	
TOP		FLUID LEVEL	
TOTAL FEET		REMARKS:	
SCALE RUN			

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM 307

ELEVATION 1774 **NORTH** 1,204,382.8 **EAST** 641,103.0 **LOGGED BY** CZH **DATE** 1-17-77

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

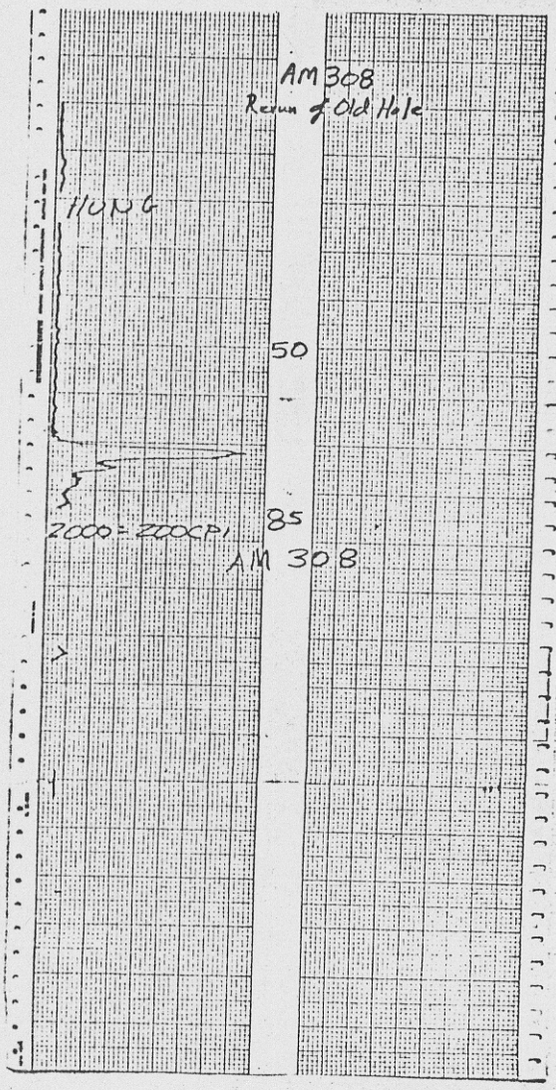
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Siltst, Grn to Tan Grn, Silicified, Red Brn Chert
						Ls, Wht,
						Carbonaceous Siltst, Gry to DkGry, Calcareous
						Siltst, Grn, Sndy
						Lignite + Carbonaceous Siltst, Blk to DkGry, Calcareous w/ Intbdd Tuffs or Ls
						Siltst, Grn, Calcareous - Vol Pebs!
						Siltst, Red, Volcanic Pebs

MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM 307
LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP. 1204,382.8N - 641,103.0E	ELEV. 1774	K-FACTOR	5.70 X10-5
		DEAD TIME	7.19 μs
SEC.	TWP.	TIME CONSTANT	1
	RGE.	PROBE DIA.	1 5/8
DATE	1-17-77	CALIPER	
DEPTH DRILLED	80	DIRECTIONAL SURVEY	
DEPTH LOGGED	80	TEMPERATURE	
FOOTAGE LOGGED	80	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	JIM
WATER FACTOR	"	CONTRACTOR	
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:

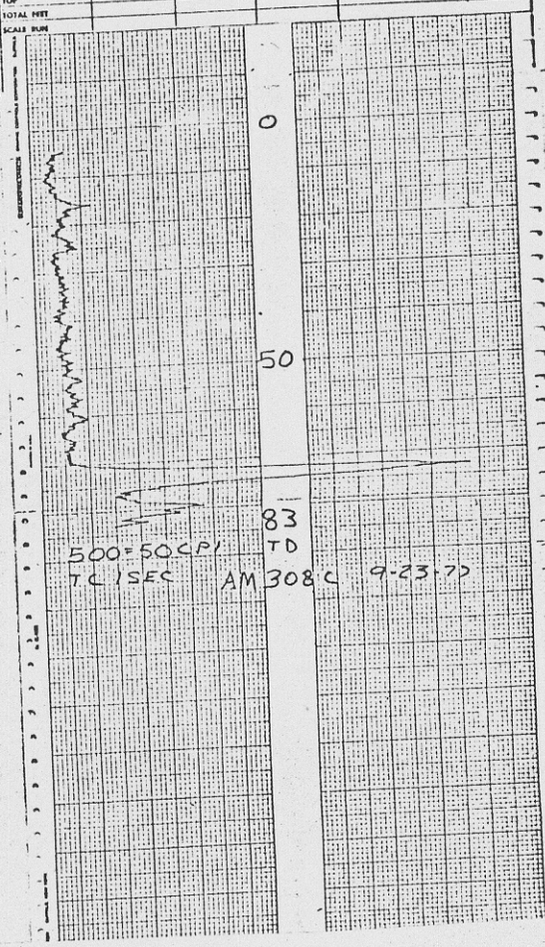


MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 308C

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	542 E-5
SEC.	TWP. DIR.	DEAD TIME	775 μSEC
DATE	9-23-77	TIME CONSTANT	1 SEC
DEPTH DRILLED	85	PROBE DIA.	1 5/8"
DEPTH LOGGED	83	CALIPER	
FOOTAGE LOGGED	83	DIRECTIONAL SURVEY	
HOLE DIAMETER	4"	TEMPERATURE	
WATER FACTOR	10	OPERATOR	ERICKSON
RESISTIVITY	— OHMS/INCH	DRILLER	TALBOT
SELF POTENTIAL	— M.V./IN.	CONTRACTOR	BOYLES BROS
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	LAST A.E.C. PIT RUN	
BOTTOM		FLUID LEVEL	
TOP		REMARKS:	
TOTAL NET			
SCALE RUN			



DIAMOND DRILL LOG

SCALE 1" = 10'
STARTED
STOPPED
NOTES BY [illegible]

DEPTH 68.5 - 77.5
BEARING
INCLINATION

HOLE No. AM 30A C
SHEET 1 OF 1
PROPERTY [illegible]
COUNTY
STATE AZ
COLLAR COORD. N.
E.
COLLAR ELEV.

10/77

ASSAYS			% RECOV.	DEPTH 50	Graph	COL.	DETAIL	MINERALIZATION	ALTERATION	ROCK TYPE
							Note colors wet HCl 10%			
				60						
					68.5			NO CORE		
				70			clayey siltstone High HCl rx - 69.2 yellow fracture coating 2mm horizontal - 70.5		moderately lithified	mudstone yellowish grey to light olive gray 5Y5/2 / moderate HCl rx / mottled
					72.5		silty claystone 70.7 red hematite stain in greyish green 10 5 4/2 72.5 - 75 lignite - 10 HCl rx - 75 - 76.2 carbonaceous zone. - 76.2 - 77.5 cherty zones and chert veins (2-3mm) x-cutting strata - 77.6 - 79.5 light yellow green silty calcareous (hi HCl rx) nodules (1-5mm) in lt. olive gray silt stone. some carbonaceous material - 79.5 - 80.5 brown calcedony veinlets (2mm) and nodules in well consolidated siltstone 79.5 one foot mod. * - 81 clayey siltstone no HCl rx poorly consolidated - carbonatous stringers - surficial jarosite stain - 82.2 hematite stain (3") and clots possible volcanic fragments - 83 moderate HCl rx			mudstone - light olive 5Y 5/2 to yellowish gr 5Y 7/2 - carbonaceous local cherty pods + vei calcareous pods; mo HCl rx; moderate lith
				80						
					85					
							* calcedony veins coated w/ abundant pyrite	NO CORE		
				90						
				100						

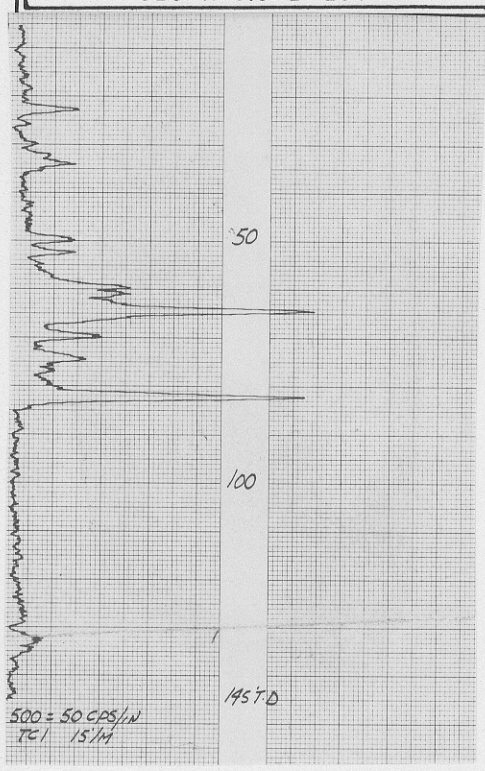
CORE LITH LOG AM 308C

68'7"-72	Ls, Gry to Wht, w/Intbdd Grn Mdst + Sltst Calcareous, Lower Six inches of Ls Carbonaceous
72-75	Lignite, Blk, Trace silicification, Lower Portion
75-77	Ls, Brn to Gry Brn to Wht, Very Hard + Silicified, Calcedony
77-79'6"	Slty Ls w/ Wht Calc Clasts Grn mottled Wht, V. Calc, Silicified
79'6"-80'6"	Ls Wht silicified
80'6"-85	Sltst, Grn, Non Calc, Lower 2.5' Red Volcanic clasts

PROJECT Anderson Mine HOLE SIZE ☐ AIR ☐ WATER HOLE NO. AM-309

ELEVATION 1777 NORTH 124,211.5 EAST 641,606.1 LOGGED BY G.M. DATE 12-11-76

SECTION TOWNSHIP RANGE T.D. 150 P.D.

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					ls / mdstn, white → lt. tan, minor chert (red)
	40					
	60					mdstn / lignite, gry → black, calc
	80					
	00					mdstn, maroon, calc.
	20					sltstn, tan, sub-calc.
	40					agglm. gry → black
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

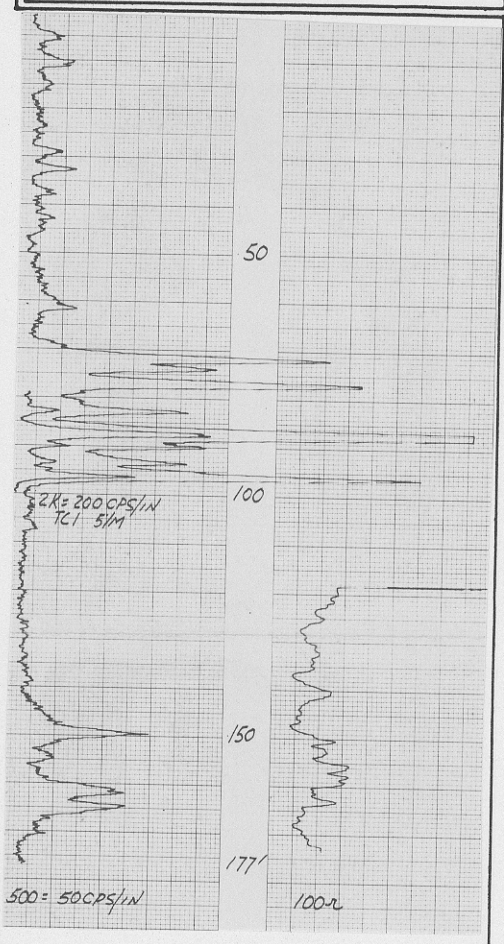
LOCATION	ANDERSON MINE	HOLE NO.	AM-309
COUNTY	YAVAPAI	STATE ARIZONA	GAMMA SCALE 500=50CPS
GP.		ELEV.	PROBE TYPE SCINT
SEC.	TWP.	RGE.	K-FACTOR 5.70 x 10-5
DATE	DEC. 8, 76		DEAD TIME 7.19μ
DEPTH DRILLED	150		TIME CONSTANT 1
DEPTH LOGGED	195		PROBE DIA. 1 5/8
FOOTAGE LOGGED	195		CALIPER
HOLE DIAMETER	5 5/8		DIRECTIONAL SURVEY
WATER FACTOR	DRY		TEMPERATURE
RESISTIVITY	–	OHMS/INCH	OPERATOR RETTERING
SELF POTENTIAL		M.V./IN.	DRILLER J.M.
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	CONTRACTOR UNIVERSAL
BOTTOM				LAST A.E.C. PIT RUN
TOP				FLUID LEVEL
TOTAL FEET				REMARKS:
SCALE RUN				

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-310

ELEVATION 1787 **NORTH** 1,204,155.1 **EAST** 641,813.6 **LOGGED BY** G.M. **DATE** 12-11-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						mdstn/ss, olive → red, brown, sub-calc.
	20					
						mdstn, olive, non-calc, → sub calc.
	40					
						ls/mdstn, white → olive, calc.
	60					
	80					
						mdstn, gry, calc., carb, some ls stringers @ 85'.
	00					
	20					sltstn, tan, non-calc.
						mdstn, sub-carb. calc. lt.gry → wh
	40					
						mdstn, maroon, calc.
	60					mdstn, gry, carb. calc.
						mdstn, maroon, calc.
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					



MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.		ELEV.	
SEC.	TWP.	RGE.	

DATE	DEC. 8, 76		
DEPTH DRILLED	180		
DEPTH LOGGED	177		
FOOTAGE LOGGED	98		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	100	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	100		
TOP	79		
TOTAL FEET	21		
SCALE RUN	2K = 200 CPS/IN		

HOLE NO.	AM-310
GAMMA SCALE	500 = 50 CPS
PROBE TYPE	SCINT.
K-FACTOR	5.70 x 10-5
DEAD TIME	7.4μ.
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	AL
CONTRACTOR	WILLIAMS
LAST A.E.C. PIT RUN	
FLUID LEVEL	118
REMARKS:	