[illegible] 1/4 Sect 18
[illegible] 1050E
[illegible]
[illegible] -70°
[illegible] 420'
[illegible]
[illegible] TYPE Stewart Bros

TODILTO EXPLORATION & DEVELOPMENT CORP.

PROJECT SW 1/4 Sect. 18 Assessment

COMPANY

ROTARY DRILL LOG

SCALE 1" = 20' SS
1" = 5' Ls & Calc. SS

HOLE NO. M-33R
DATE START 3/28/83 4:00pm - 6:30pm
DATE FINISH 3/28/83 7:30 AM - 9:45 AM
DATE LOGGED
LOGGED BY
PAGE NO. 1 OF 4

INTERVALS	ASSAY DATA	G.P.	DRILL PENETRATION RATE MINUTES PER FOOT (5 10 15 20 25)	BIT DATA	CASE DATA	WEIGHT ON BITS: ROD COLLAR	PULL-DOWN	TOTAL	RETURN	FOOTAGE: FROM	TO	GENERAL DESCRIPTION (ROCK TYPE, MINERALIZATION, ALTERATION, ETC.)	GRAPHIC: ROCK TYPE	STRUCTURE
												0		
												lt to drk brn blow sand and gravel		
												10		
												18		
												20	Jcs	
													Lt rd, gry, grn, wht vfg ss	
												30		
												40		
												50		
												60		
												70		
												80		
												90		
												95		
												100	Jb	
													wht, lt to drk rd, pink, vfg ss	
												110		
												120		
												130		

LOCATION SW¼ Sect 18
COORD. 1970N, 1050E
BEARING
INCLINATION 90°
TOTAL DEPTH ± 420'
DETAILS/SUMMARY
DRILLING CO./TYPE Stewart Bros.

TODILTO EXPLORATION & DEVELOPMENT CORP.
PROJECT SW¼ Sect 18 Assessment
COMPANY
ROTARY DRILL LOG
SCALE 1" = 20' SS
1" = 5' Ls & Calc. SS

HOLE NO. M-332
DATE START 3/22/83 4:00pm - 6:30pm
DATE FINISH 3/23/83 - 7:30am - 9:45am
DATE LOGGED
LOGGED BY
PAGE NO. 2 OF 4

INTERVALS	ASSAY DATA	DRILL PENETRATION RATE (MINUTES PER FOOT)	BIT DATA	CASE DATA	WEIGHT ON BITS	RETURN	FOOTAGE	GENERAL DESCRIPTION (ROCK TYPE, MINERALIZATION, ALTERATION, ETC.)	GRAPHIC
	G.P.	5 10 15 20 25			ROD COLLAR / PULL-DOWN / TOTAL		FROM / TO		ROCK TYPE / STRUCTURE
								130 Jb	
								140 wlt, pink, gry, vfg ss	
								150	
								160	
								170	
								180	
								190	
								197	
								200 Js	
								lt to dk rd brn, wld, vfg, ss interbd	
								210 w/ lt to dk rd mudstone	
								220	
								230	
								240	
								250	
								260	

COLLAR ELEVATION 1230
LOCATION SW¼ Sect. 18
COORD. 1700, 1050E
BEARING
INCLINATION 90°
TOTAL DEPTH 1420
DETAIL/SUMMARY
DRILL CO./TYPE Stewart Bros.

TODILTO EXPLORATION & DEVELOPMENT CORP.

PROJECT SW¼ Sect. 18 Assessment
COMPANY

ROTARY DRILL LOG

SCALE 1" = 20' SS
1" = 5' Ls & Calc. SS

FILE NO.
HOLE NO. M-332
DATE START 3/28/83 4:00 - 6:00pm
DATE FINISH 3/29/83 7:30AM - 9:45AM
DATE LOGGED
LOGGED BY
PAGE NO. 3 OF 4

SAMPLE	INTERALS	ASSAY DATA					G.P.	DRILL PENETRATION RATE (MINUTES PER FOOT) 5 10 15 20 25	BIT DATA	CASE DATA	WEIGHT ON BITS: ROD COLLAR	PULL-DOWN	TOTAL	RETURN	FOOTAGE: FROM	TO	GENERAL DESCRIPTION (ROCK TYPE, MINERALIZATION, ALTERATION, ETC.)	GRAPHIC: ROCK TYPE	STRUCTURE
																	260		
																		Js	
																	270	Lt to drk rd brn, wht, buff, vfg ss interbd w/ Lt to drk Rd Mudstone	
																	280		
																	290		
																	300		
																	310		
																	320		
																	330		
																	340		
																	350		
							NIL	356											
							.01												
							.03										360		
					4.0A		.01												
					.016		.01												
							.03												
							.02												
							.01	360									370		
							NIL												
							NIL										378	J[illegible]	
																	380		

TODILTO EXPLORATION & DEVELOPMENT CORP.

PROJECT SW1/4 Sect. 18 Assessment

COMPANY

ROTARY DRILL LOG

SCALE 1" = 20' SS
1" = 5' Ls & Calc. SS

HOLE NO. M-332

DATE START 3/28/83 4:00 - 6:00pm

DATE FINISH 3/29/83 7:30 - 9:45am

DATE LOGGED

LOGGED BY

PAGE NO. 4 OF 4

LOCATION SW1/4 Sect. 18

[illegible], 1050E

[illegible]

INCLINATION [illegible]

TOTAL DEPTH 420'

DETAIL/SUMMARY

DRILL CO./TYPE Stewart Bros

SAMPLE	INTERALS	ASSAY DATA					G.P.	DRILL PENETRATION RATE MINUTES PER FOOT 5 10 15 20 25	BIT DATA	CASE DATA	WEIGHT ON BITS ROD COLLAR	PULL-DOWN	TOTAL	RETURN	FOOTAGE FROM	TO	GENERAL DESCRIPTION (ROCK TYPE, MINERALIZATION, ALTERATION, ETC.)	GRAPHIC ROCK TYPE	STRUCTURE
																	381 Jscs wht, lt to drk brn, gry, vfg calc. ss interbd w/ lt to drk gry Ls		
																	385 Jt lt to drk gry, massive to platy, mod. recry and silicif ls		
																	390		
																	393 Je rd, buff, grn, gry, wht, vfg ss		
																	400		
																	410		
																	420		

DALTON WELL LOGGING
GRANTS, NEW MEXICO

DATE 29 MAR 82

CLIENT	COUNTY	STATE	OPERATOR
Todilto Explo.	McKinley	New Mexico	H. Sanchez

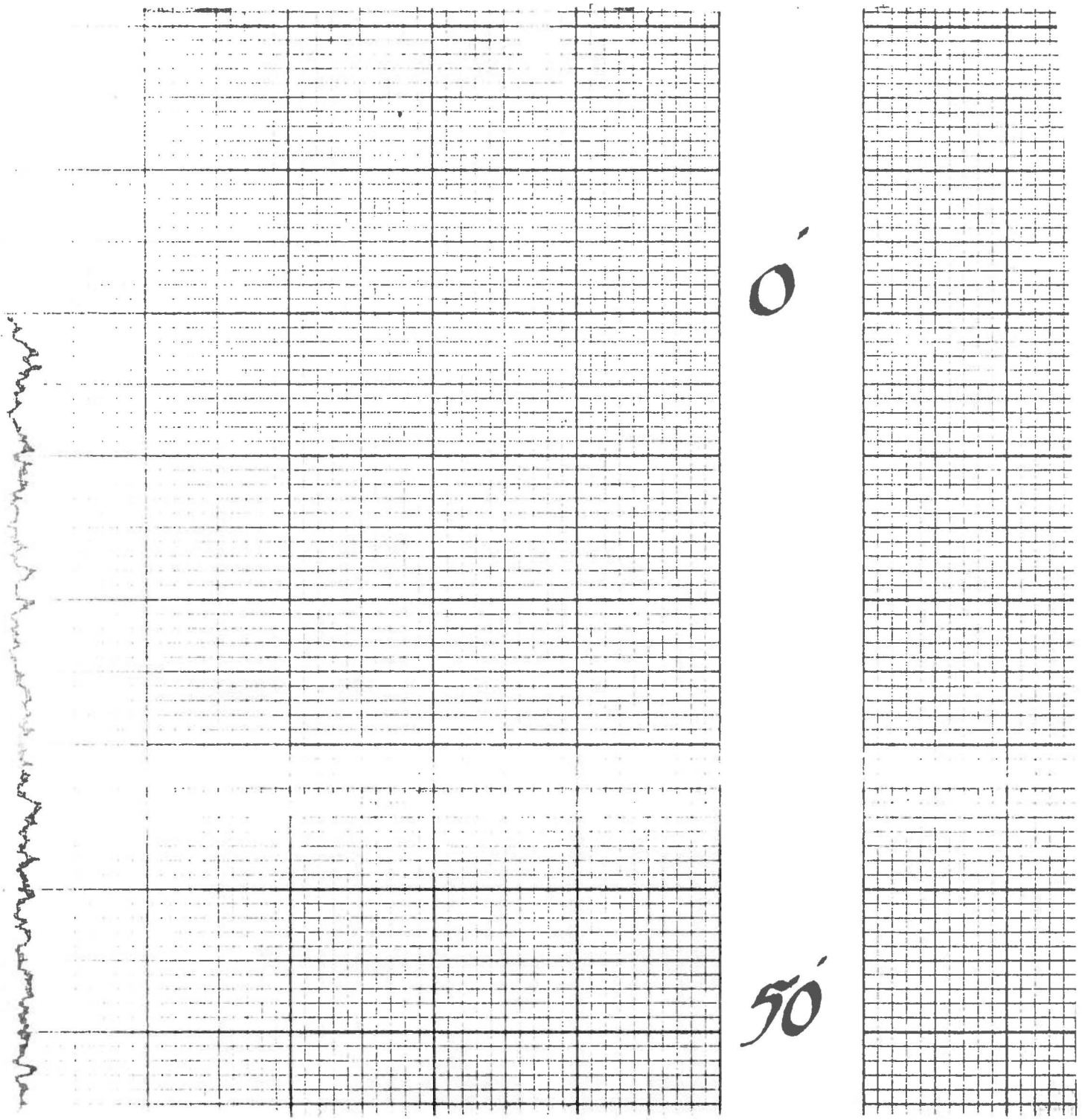
BORE HOLE NO	SECTION	TOWNSHIP	RANGE	BORE HOLE FLUID	ROUND TRIP MILEAGE
M-332	18			Drilling Mud	40

AREA	LOG MEASURED FROM	UNIT NO	DENSITY	VISCOSITY
Todilto	Ground Level	9		

420 FT	GAMA SCALE 500 CPS	DETECTOR SCINT.	TYPE & SIZE 3/4 x 1	DEAD TIME 0	K FACTOR .0000259	CHARGEABLE STDY	DRIVE TIME 1 Hr	STAND BY	
418 FT	T.C. 1	LOGGING SPEED 15 FT/MIN	PROBE NO D-8	PROBE SIZE 1 5/8	WATER FACTOR	AIR FACTOR 1.00	TIME IN 1600	RESISTANCE SCALE 100 Ω/5in	
438 FT	CALIBRATION SOURCE SCALE DATA		SOURCE NO 359	SOURCE VALUE 10uc	BIT SIZE 5	CASING	TIME OUT 1630	SELF POTENTIAL SCALE 50 MV/in	
400	GAMA RERUNS (INITIAL RUN OFF SCALE)						DRILLING COMPANY Stewart Bros.		

K	SCALE	SCALE	SCALE	SCALE
1 SEC 5 FT/MIN	T.C. SEC LOGGING SPEED FT/MIN	T.C. SEC. LOGGING SPEED FT/MIN	T.C. SEC. LOGGING SPEED FT/MIN	T.C. SEC. LOGGING SPEED FT/MIN
370	TO	TO	TO	TO
350	FROM	FROM	FROM	FROM
20	TOTAL	TOTAL	TOTAL	TOTAL

REMARKS CONCERNING BORE HOLE



DALTON WELL LOGGING

DATE 29 MAR 83

CLIENT Todilto Explo.

HOLE NO. M-332

AREA Todilto

COUNTY McKinley

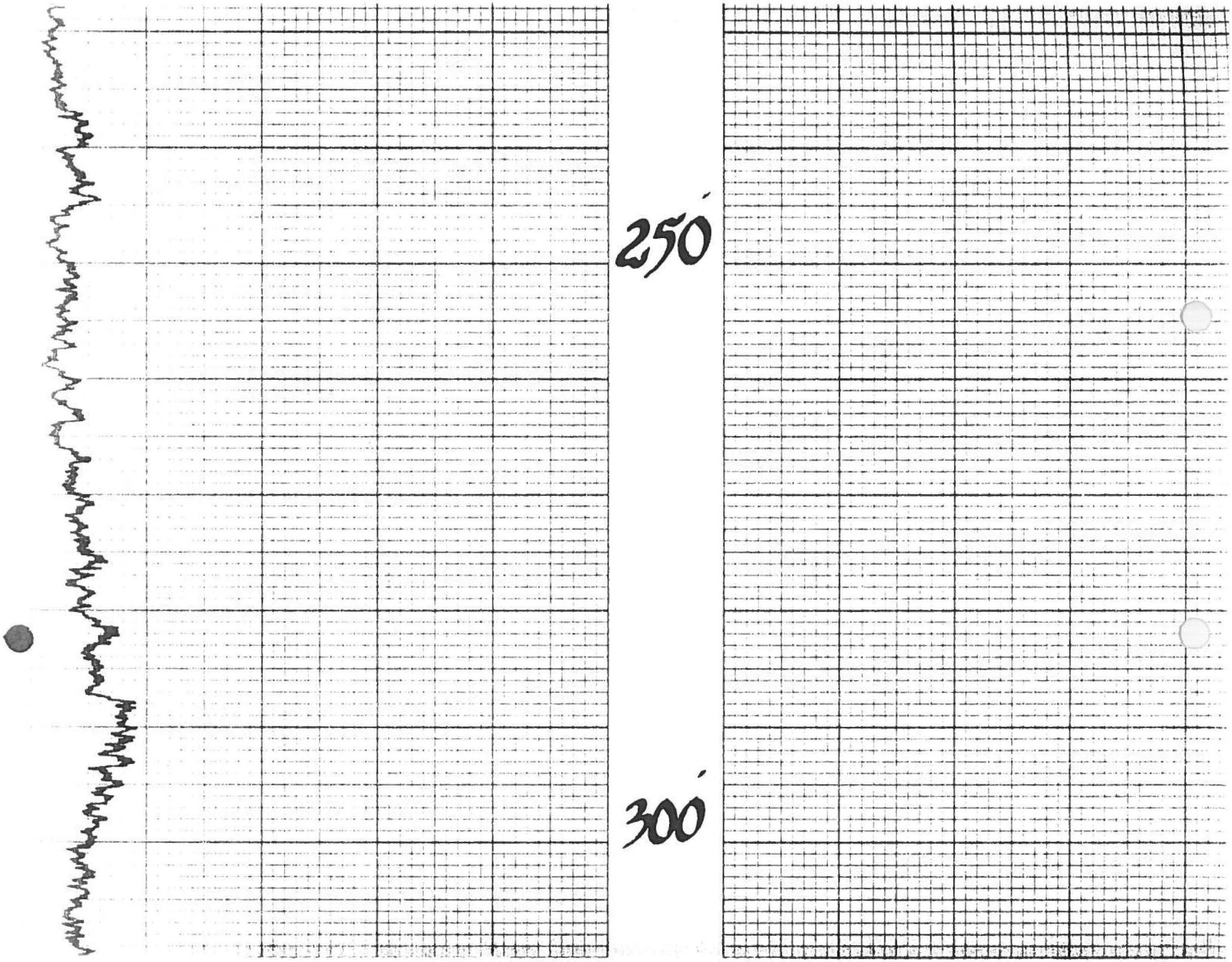
STATE N Mex UNIT NO. 9

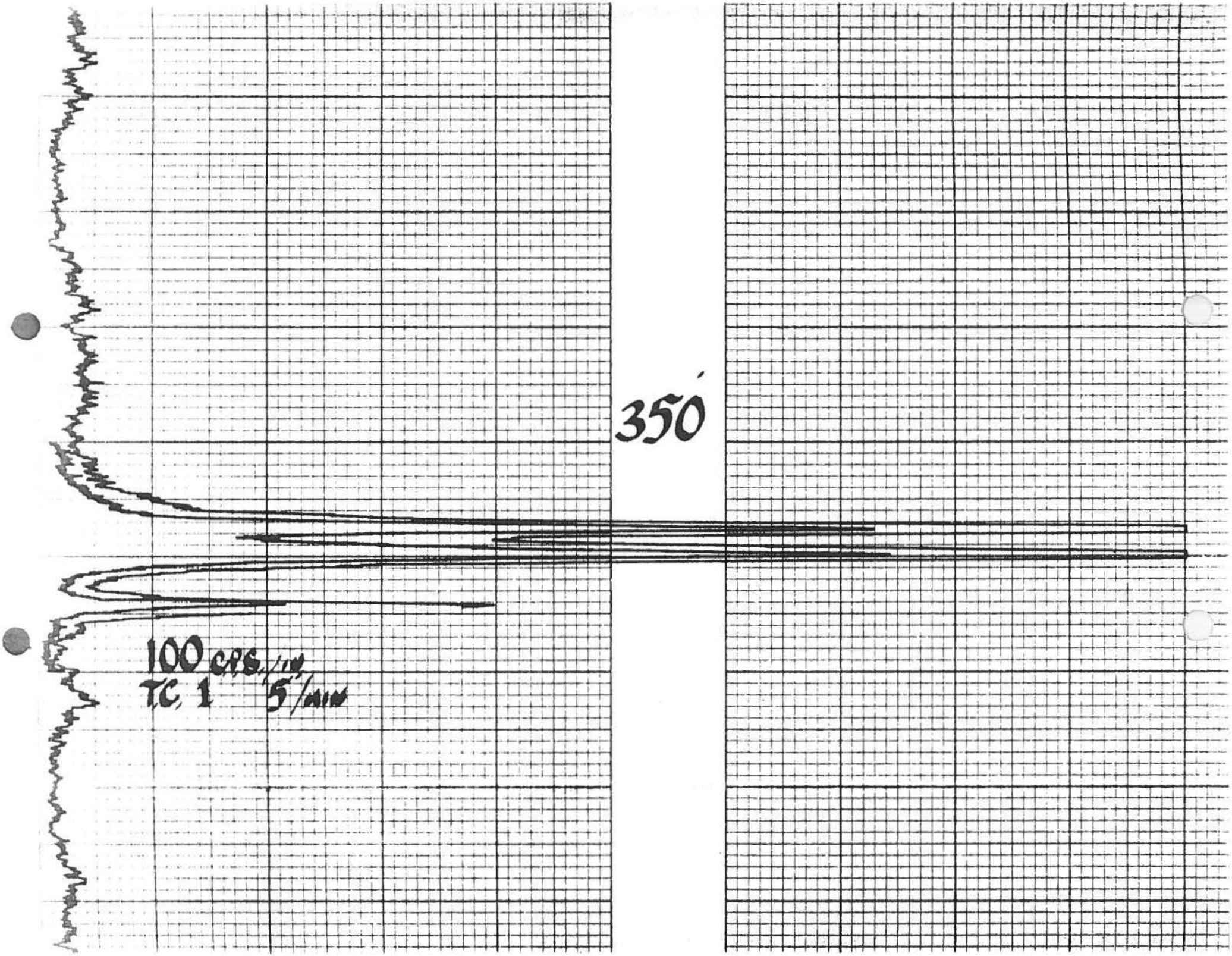
PROBE NO. D-8 DEAD TIME 0

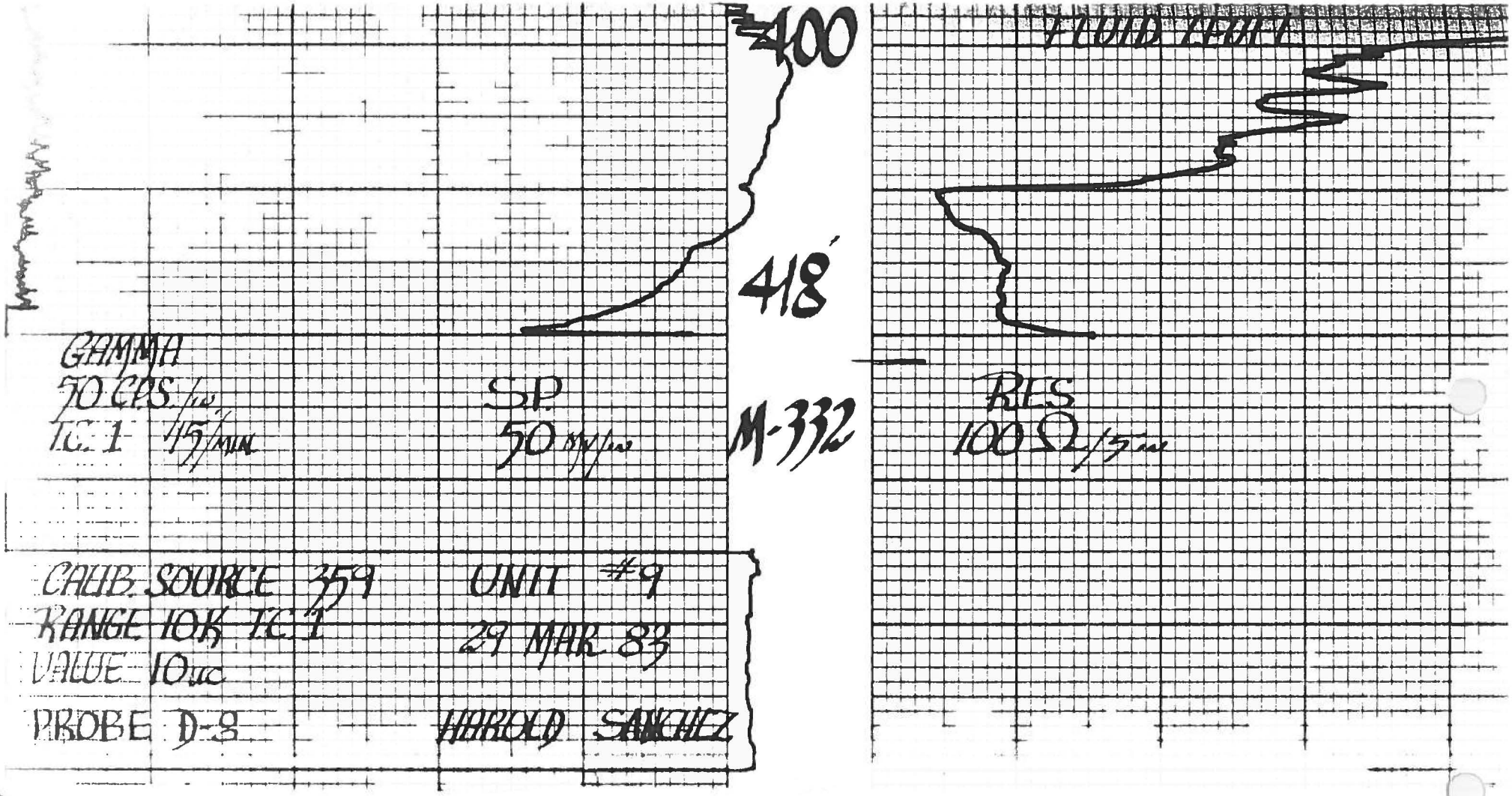
G-FACTOR .0000259

OPERATOR Henry Sanchez

200
150


250'
300'


350
100 cps/in
T.C. 1 5/min


400
418'
M-332
GAMMA
70 CPS/in
T.C. 1 45'/min
SP
50 mv/in
RES
100 Ω/5in
CALIB. SOURCE 359
RANGE 10K TC 1
VALUE 10μc
PROBE D-8
UNIT #9
29 MAR 83
HAROLD SANCHEZ