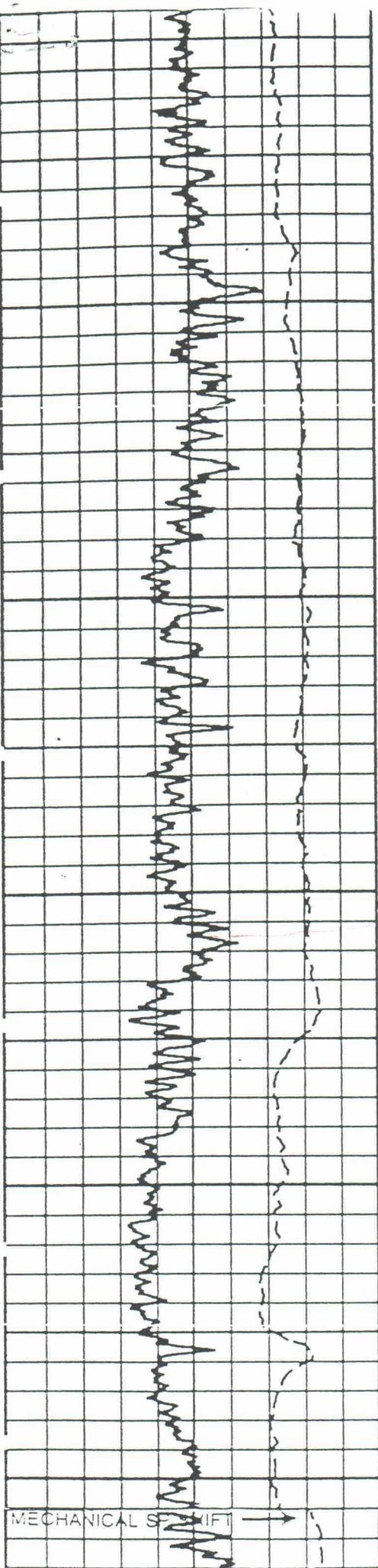
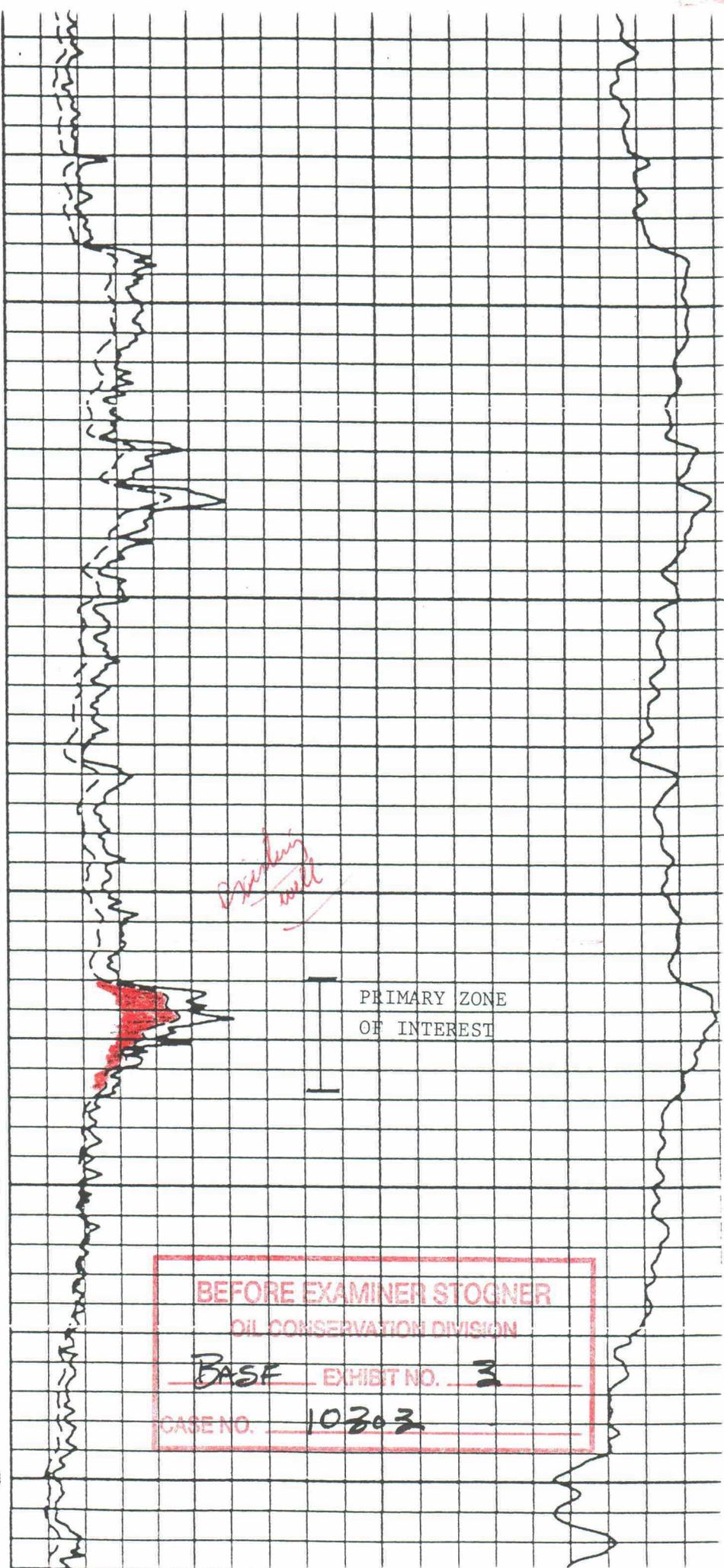


MECHANICAL S. SHIFT



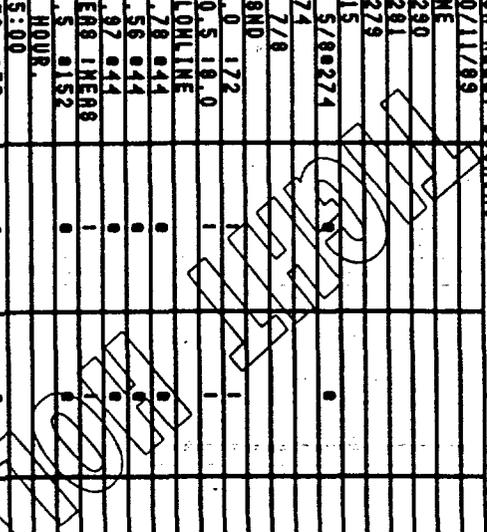
4100
4200
4300
4400
4500



Working well

PRIMARY ZONE
OF INTEREST

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
BASE EXHIBIT NO. 3
CASE NO. 10203

		DUAL INDUCTION GUARD LOG	
COMPANY _____ WELL _____ FIELD _____ COUNTY _____ ST _____		COMPANY WINTERSHALL. WELL UTE MOUNTAIN UTE 28-48. FIELD WILDCAT/BASIN DAKOTA COUNTY SAN JUAN API NO. NA LOCATION 1550 F&L AND 810 FEL STATE NH OTHER SERVICES 60L-08N 11	
PERMANENT DATUM C.L. _____ LOG MEASURED FROM K. 9. OR 12 FT. ABOVE PERM. DATUM DRILLING MEASURED FROM KELLY BUSHING		SEC. 28 TWP. 91N R2E 14N ELEV. S556 ELEV. : K. B. 5568 D. F. 5567 C. L. 5556	
DATE 10/11/89 RUN NO. ONE DEPTH-DRILLER 5290 DEPTH-LOGGER 5281 BITM. LOG INTER. 5279 TOP LOG INTER. 315 CASING-DRILLER 8.5/80274 CASING-LOGGER 274 BIT SIZE 7 7/8 TYPE FLUID IN HOLE L8ND DENR. 1 VISC. 9.0 172 PH 1 FLUID LOSS 10.5 18.0 SOURCE OF SAMPLE F0HLINE RNF @ MEAS. TEMP. 1.78 @14 RNF @ MEAS. TEMP. 1.36 @14 RNC @ MEAS. TEMP. 1.97 @44 SOURCE RNF 1 RNC ME88 1ME88 RNF @ BHT 0.5 @152 TIME SINCE CIRC. 6 HOUR. TIME ON BOTTOM 05:00 MDR. REC. TEMP. 152 @TD EQUIP. 1 LOCATION 4552 1EARM RECORDED BY P. BAKER, G. BENZA. WITNESSED BY F. CLAUSEN.			

Fold Here

Service Ticket No.: 302192		API Serial No.: NA		PGM Version: 2.20 F	
Change in Mud Type or Additional Samples				RESISTIVITY SCALE CHANGES	
Date/Sample No.	10/11/89	/ / :	Type Log	Depth	Scale Up Hole
Depth-Driller					Scale Down Hole
Type Fluid					
in Hole					
Dens. : Visc.					
pH. : Fluid Loss					
Source of Sample			RESISTIVITY EQUIPMENT DATA		
Rn @ Meas.Temp.	@	@	Run No	Tool Type & No	Pad Type
Raf @ Meas.Temp.	@	@	ONE	DILTA.W109420	
Rnc @ Meas.Temp.	@	@		DSGTA.W108920	
Source: Raf:Rnc					
Rn @ BHT	0.51 @152	@			
Raf @ BHT	0.45 @152	@			
Rnc @ BHT	0.57 @152	@			
EQUIPMENT DATA					
GAMMA		ACOUSTIC		DENSITY	
Run No.	ONE	Run No.		Run No.	ONE
Serial No.	W108582	Serial No.		Serial No.	W109724
Model No.	NGRT-A	Model No.		Model No.	SDLT-A
Diameter	3 5/8"	No. of Cent.		Diameter	4.5
Detector Model No.	PROP	Spacing		Log Type	GAM GAM
Type	SCINT.			Source Type	CS-137
Length	4"	LSA		Serial No.	SDL-103
Distance To Source	NA	FWD		Strength	1.5 CI
				Strength	19 CI.
LOGGING DATA					
GENERAL		GAMMA		ACOUSTIC	
Run	Depth	Speed	Scale	Scale	DENSITY
No.	From To	Ft/Min	L R	L R Matrix	L R Matrix
ONE	TD 315	30	0 200		2.0 3.0 2.65 .30 -.10 SAND
Remarks: LOGS WERE RUN ON PLS SYSTEM.					
PULLED TIGHT AT 4500.					
TOP OF TOOL STUCK AT BOTTOM OF CASING, DIDN'T LOG CASING					
TENSION READ LOW SO CURVE WAS DELETED.					