Case No
7483

Large Exhibits

212-046

WIRELINE SERVICES

DUAL SPACED COMPENSATED NEUTRON

FILING NO.	881130 H
COMPANY	ADAMS EXPLORATION COMPANY
WELL	Griffin #4
FIELD	Tomahawk
COUNTY	Lea
STATE	New Mexico
LOCATION	660' FNL & 660' FEL
SEC.	10
TWP.	8
RGE.	32-E
JOB NO.	
OTHER SERVICES	

PERMANENT DATUM	Ground Level	ELEV.	4465
LOG MEASURED FROM	K.B. 10 FT. ABOVE PERM. DATUM	ELEV.: K.B.	4475
DRILLING MEASURED FROM	Kelly Bushing	D.F.	
		G.L.	4465

DATE	8-15-81	8-15-81		
RUN NO.	One	One		
TYPE LOG	Gamma Ray	DSN		
DEPTH—DRILLER	4298	4298		
DEPTH—LOGGER	4294	4294		
BOTTOM LOGGED INTERVAL	4285	4292		
TOP LOGGED INTERVAL	2000	2000		
TYPE FLUID IN HOLE	2% KCL Water	2% KCL Water		
SALINITY, PPM CL.				
DENSITY				
LEVEL	Full	Full		
MAX. REC. TEMP., DEG. F.				
OPERATING RIG TIME	3 Hours			
RECORDED BY	Kemp			
WITNESSED BY	Mr. Franks			

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				8 5/8		Surf.	1808
	7 5/8	1808	T.D.	4½		Surf.	T.D.

EQUIPMENT DATA

	GAMMA RAY	NEUTRON NS	NEUTRON NL
RUN NO.	One	One	One
LOG TYPE		N/N Therm	N/N Therm
TOOL MODEL NO.	DSN-160	DSN-160	DSN-160
TOOL DIAM.	3 1/8	3 1/8	3 1/8
DET. MODEL NO.	1.73 x 4.62	6 x 1.00	6 x 2.25
TYPE	Scint	HE-3	HE-3
LENGTH	5"	6"	8"
DIST. TO N. SOURCE	105"		

SURFACE	
HOIST NO.	6308
PANEL NO.	X910-003
GR LAB NO.	X782-604
NS LAB NO.	X20838
NL LAB NO.	
COMP. PNL. NO.	X900-003
K TOOL	1.060
TOOL #	X160-007

SOURCE DATA

SERIAL NO.	71-24-205
MODEL NO.	NEF1-20
TYPE	AM 241 BE
STRENGTH	4.1 x 107
RATIO CAL NO.	71-1-234

POROSITY DATA

	RUN #1	RUN #2	RUN #3
MATRIX	Limestone		
TIME CONSTANT	2		
SENSITIVITY	779		
C-C1-C2	C1		
BORE SIZE SETTING	8		
CH BH SAL SETTING	0		
CH BH SAL SETTING	0		
FORMATION SAL SETTING	150K		
CRO-CNT SETTING	3		
K LOG READING	811		

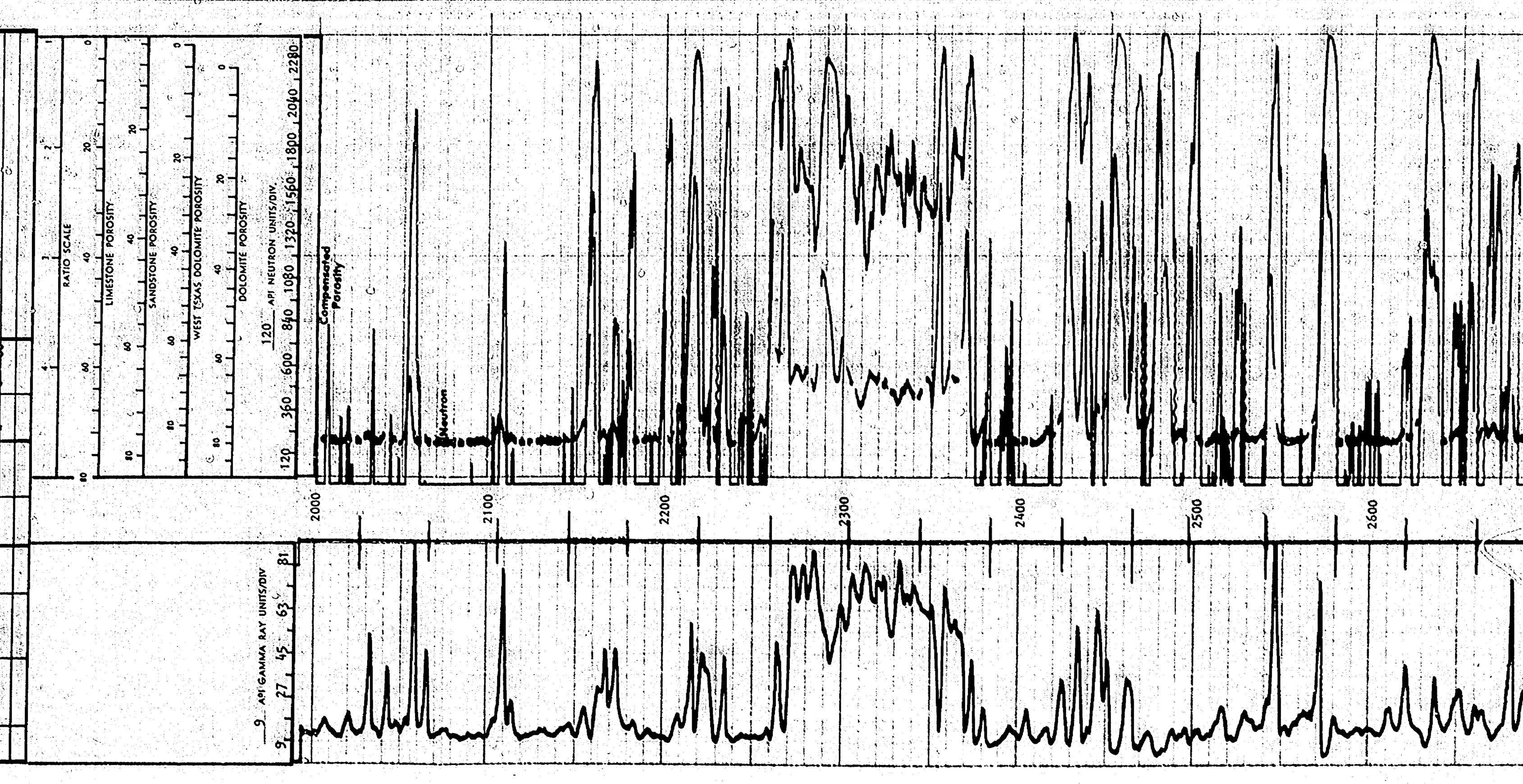
LOGGING DATA

RUN NO.	DEPTHS FROM	TO	SPEED FT/MIN.	GAMMA RAY T.C. SEC.	FACTOR	RANGE	⊕ DIV. L OR R	API G.R. UNITS PER LOG DIV.	NEUTRON T.C. SEC.	FACTOR	RANGE	⊕ DIV. L OR R	API N. UNITS PER LOG DIV.
1	4292	2750	30	2	682	500	0	9	2	911	5K	0	120
1	2750	2000	30	2	682	500	0	9	2				

LOGGING DATA

RUN NO.	DEPTH FROM	TO	SPEED FT/MIN.	RATIO T.C. SEC.	LOG SENS.	POROSITY T.C. SEC.	LOG SENS.
1	4292	2750	30	2		2	10-30
1	2750	2000	30	2		2	0-80

REMARKS:



U.S.D.C.F. MICROGRAPHICS

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V.J.B.C.F. RICHMOND

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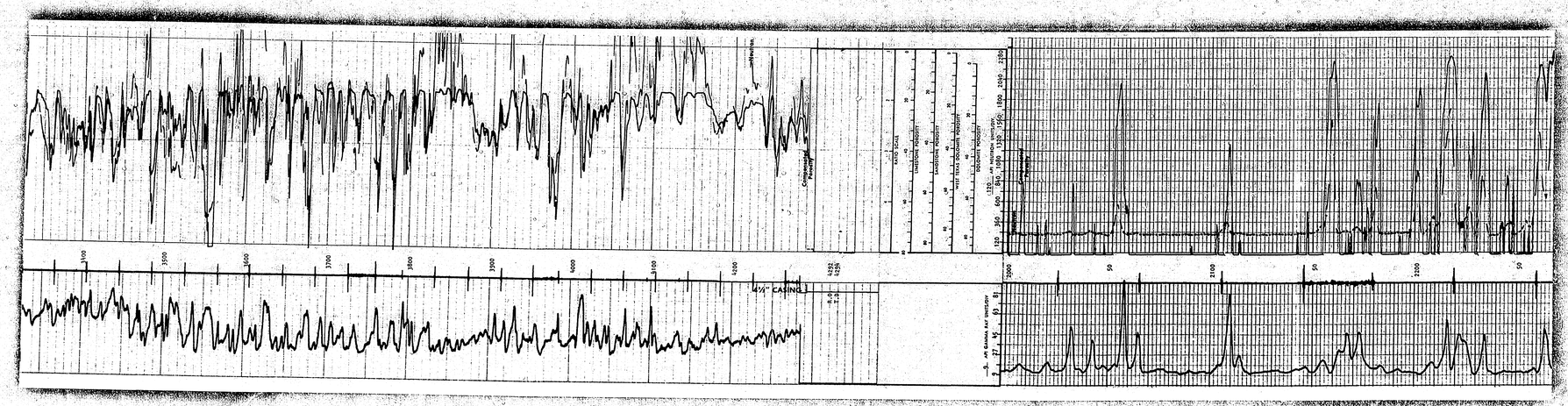

U.S.G.S. GEOPHYSICS
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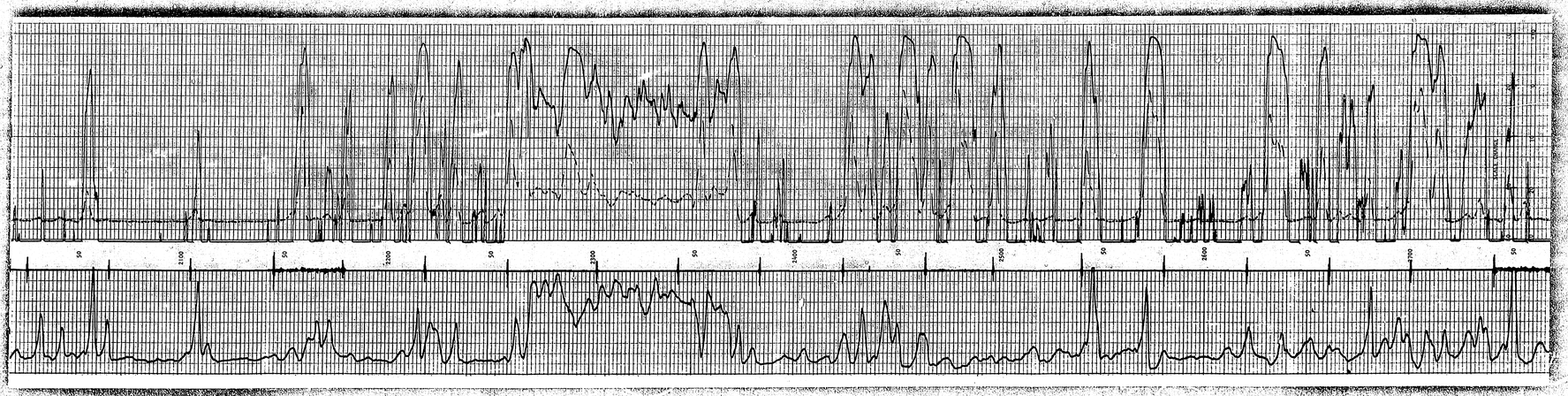

U.S.A.F. ACADEMY
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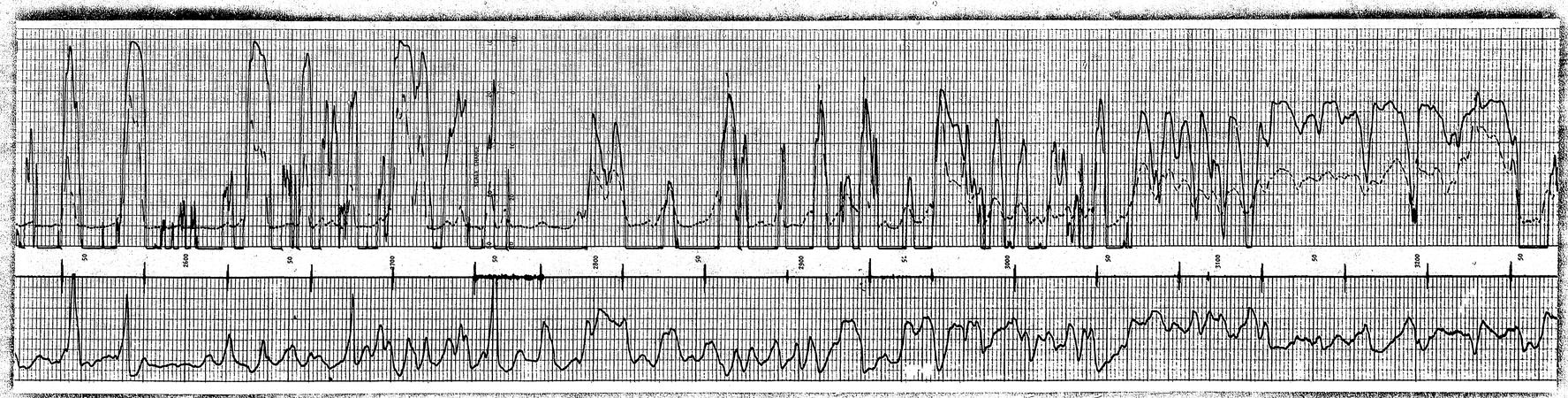
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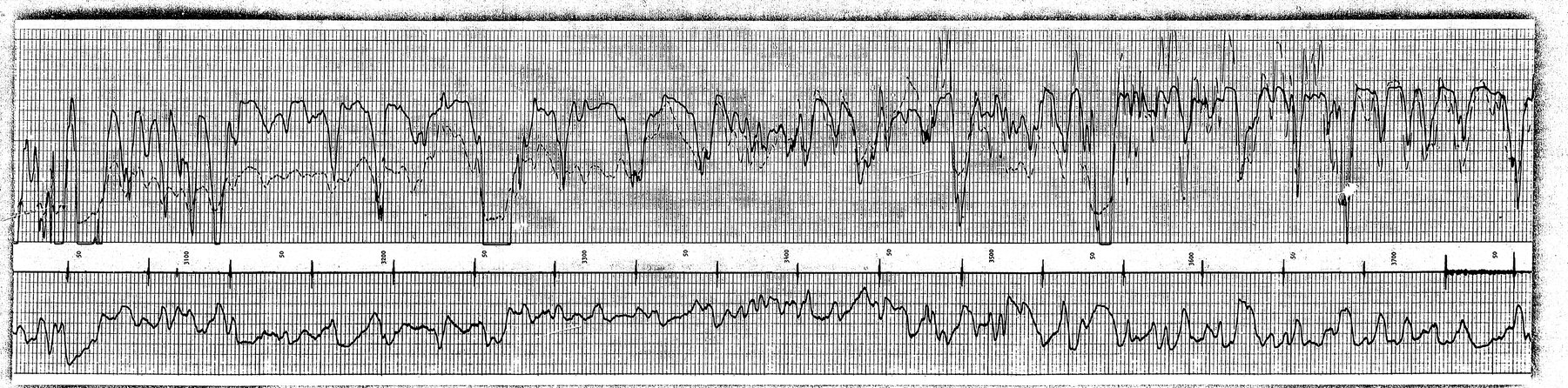
3200
50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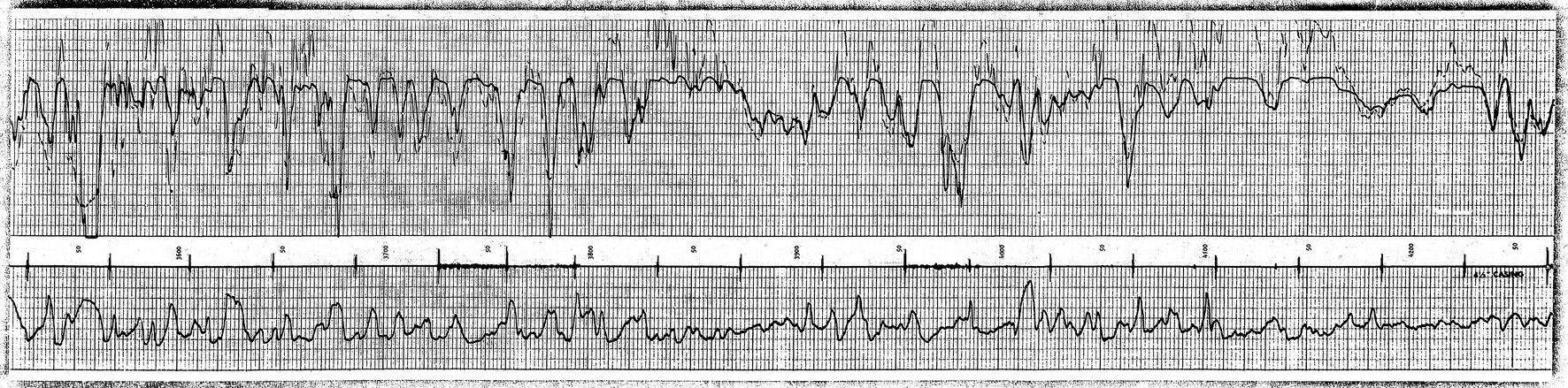
50
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4200
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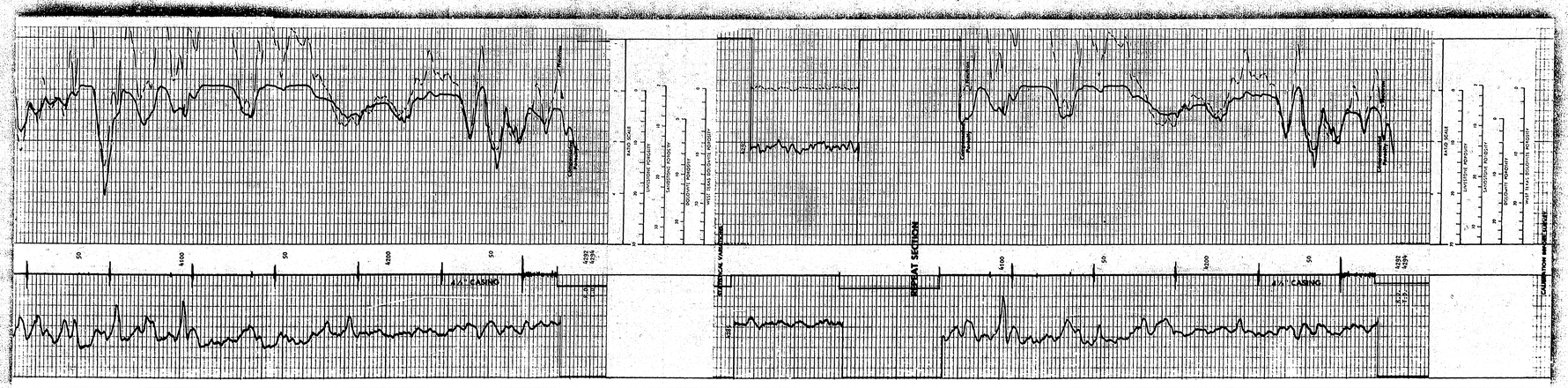
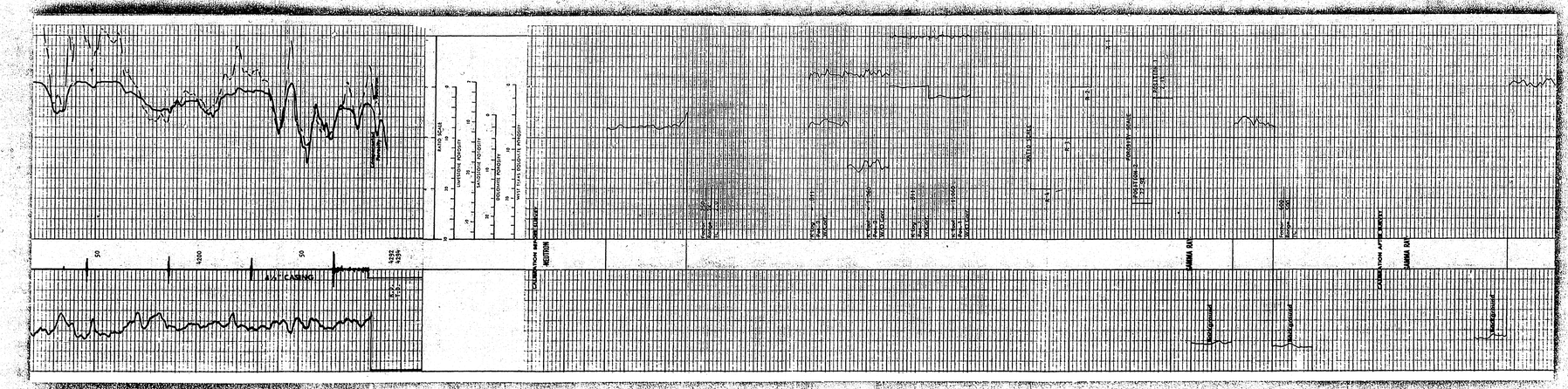
9 1/2" CASING


REPEAT SECTION
A.I. CASING
A.I. CASING


A/A CASING
CALIPER
GAMMA RAY
NEUTRON
DENSITY
GAMMA RAY

U.S.G.S. RECONNAISSANCE
NOT AVAILABLE (NAT)

WELL HISTORY

SPUD DATE _____ COMP. DATE _____

DRILL STEM TESTS _____ DATE TESTED _____

CASING RECORD

PERFORATING RECORD

TREATMENT

INITIAL POTENTIAL _____ GRAVITY _____

GAS OIL RATIO _____ TBG. PRESSURE _____

CSG. PRESSURE

TOPS

REMARKS

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