WELEX

RADIOACTIVITY LOG

COMPANY *Alliance Pet. of Aust.*
WELL *Mulga #1*
FIELD *Wildcat*
County ______ State *N.T.*

COMPANY *Alliance Petroleum of Australia*
WELL *Mulga #1*
FIELD *Wildcat*
COUNTY ______ STATE *Northern Territory*

Location
Lat. 21° 41' 55" South
Long. 137° 38' 30" East
Sec. ______ Twp. ______ Rge. ______

Other Services:
Acoustic-Velocity
Caliper
Induction-E.L.

Permanent Datum *Ground Level* Elev. *895'*
Log Measured from *Kelly Bushing* ______ Ft. Above Perm. Datum
Drilling Measured From *Kelly Bushing*

Elev.: K.B. *906'*
D.F. ______
G.L. *895'*

Date	31-8-65		
Run No	One		
Type Log	GammaRay Neutron		
Depth-Driller	2610'		
Depth-Welex	2590'		
Bottom Logged Interval	2590'		
Top Logged Interval	40'		
Type Fluid in Hole	Water		
Salinity, PPM Cl.			
Density			
Level	330'		
Max. rec. temp., deg. F.	105°		
Operating Rig Time			
Recorded By	T. J. Wall		
Witnessed by	G. Campe		

RUN	BORE-HOLE RECORD			CASING RECORD			
No.	Bit	From	To	Size	Wgt.	From	To
1	18¾	Surf	825'	10¾		Surf	825'
2	8¾	825'	2610'				

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EQUIPMENT DATA

GAMMA RAY			
Run No.	One		
Tool Model No.	2000		
Diameter	3⅝"		
Detector Model No.	1-E-11		
Type	G.M.		
Length	28"		
Distance to N. Source	107"		
GENERAL			
Hoist Truck No.	3222		
Instrument Truck No.	3222		
Tool Serial No.	2468		

NEUTRON			
Run No.	One		
Log Type	Neutron-Gamma		
Tool Model No.	2000		
Diameter	3⅝"		
Detector Model No.	1-C-8		
Type	G.M.		
Length	14"		
Source Model No.	5cu		
Serial No.			
Spacing	13.9"		
Type	PuBe		
Strength	3.5×10^6 N/Sec.		

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
Run No.	Depths From	Depths To	Speed Ft. Min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units per Log Div.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API N. Units per Log Div.
	Surf	2590	*	2	200	0	20	2	1500	4CD/L	75

Reference Literature: *welex Radioactivity logging bulletin A-126*

Remarks: *Hole drilled with Air*
Water in hole is natural fill up after drilling stopped
Fluid Level @ 328'

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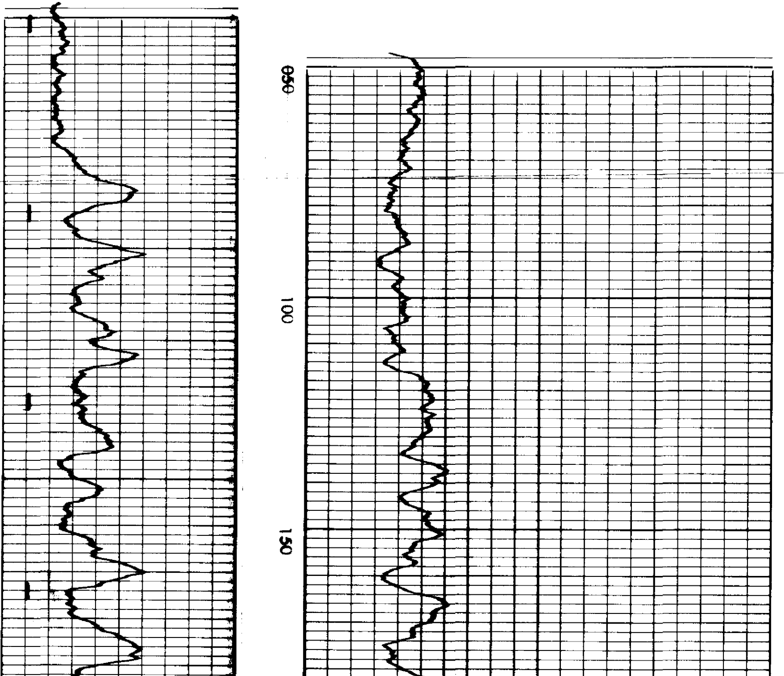
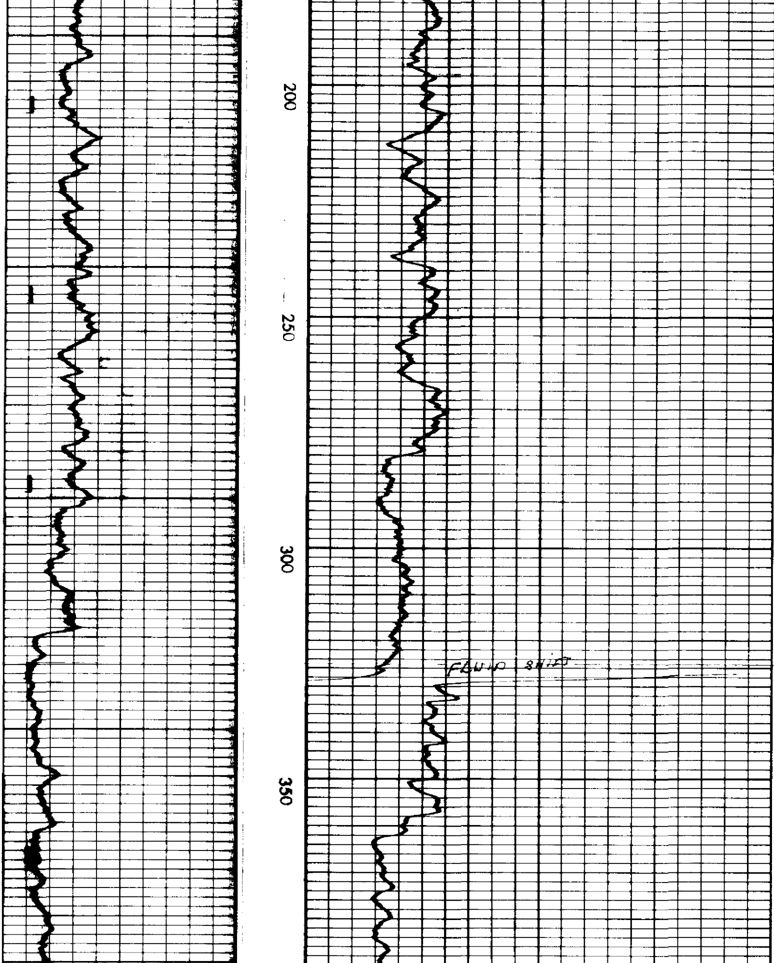
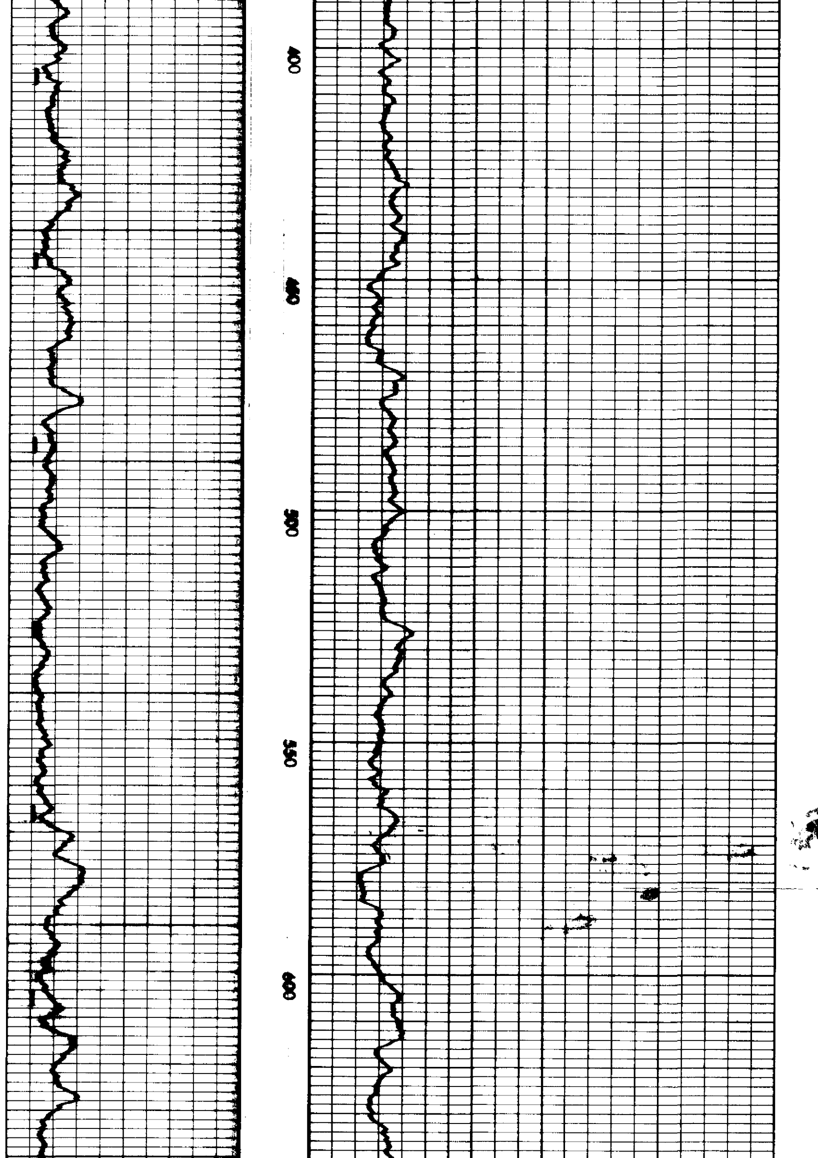
LAHRA---AA .05847

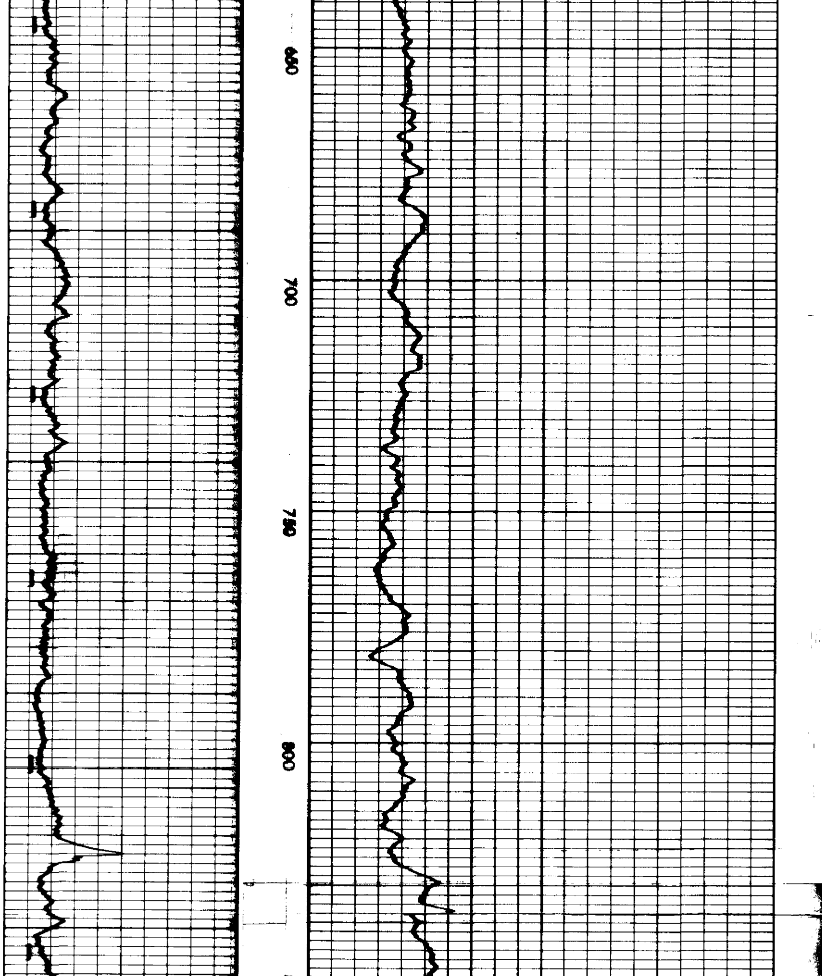
5'' 100'

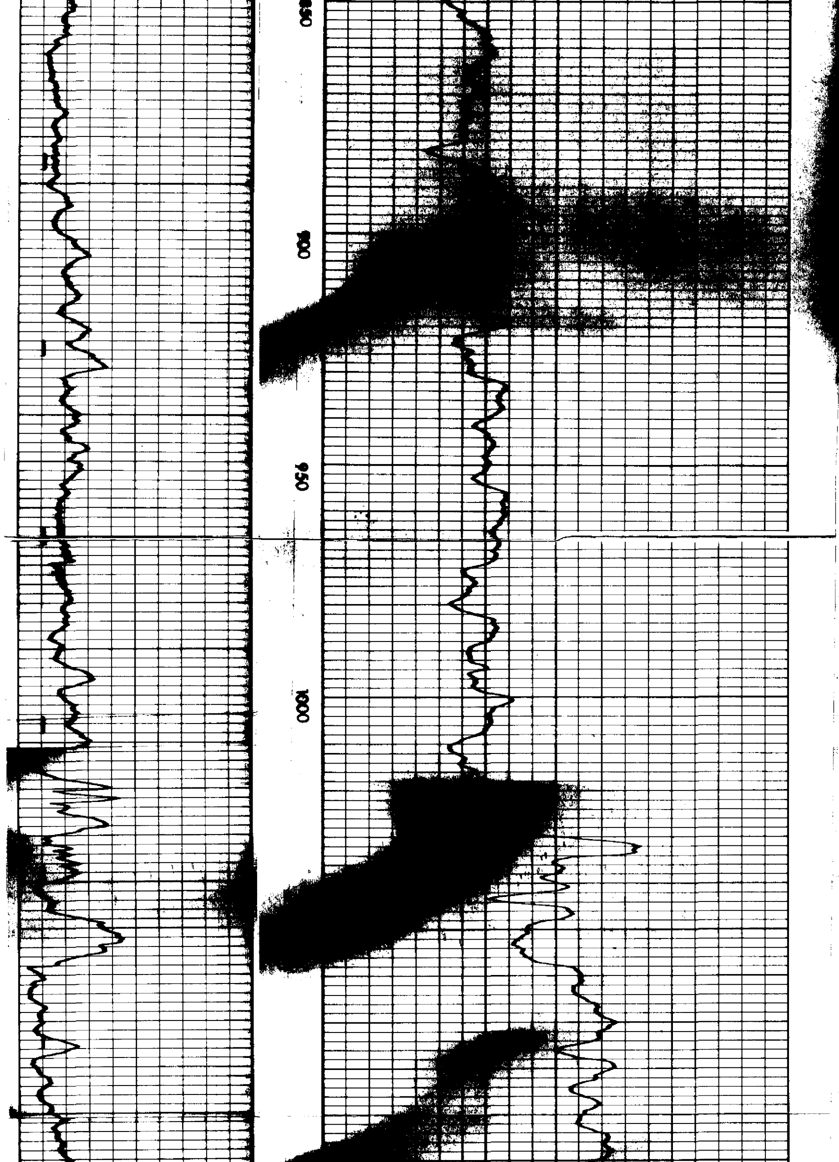
GAMMA API Gamma Ray Units		**NEUTRON** API Neutron Units	
0	200	300	1800
200	400	1800	4300

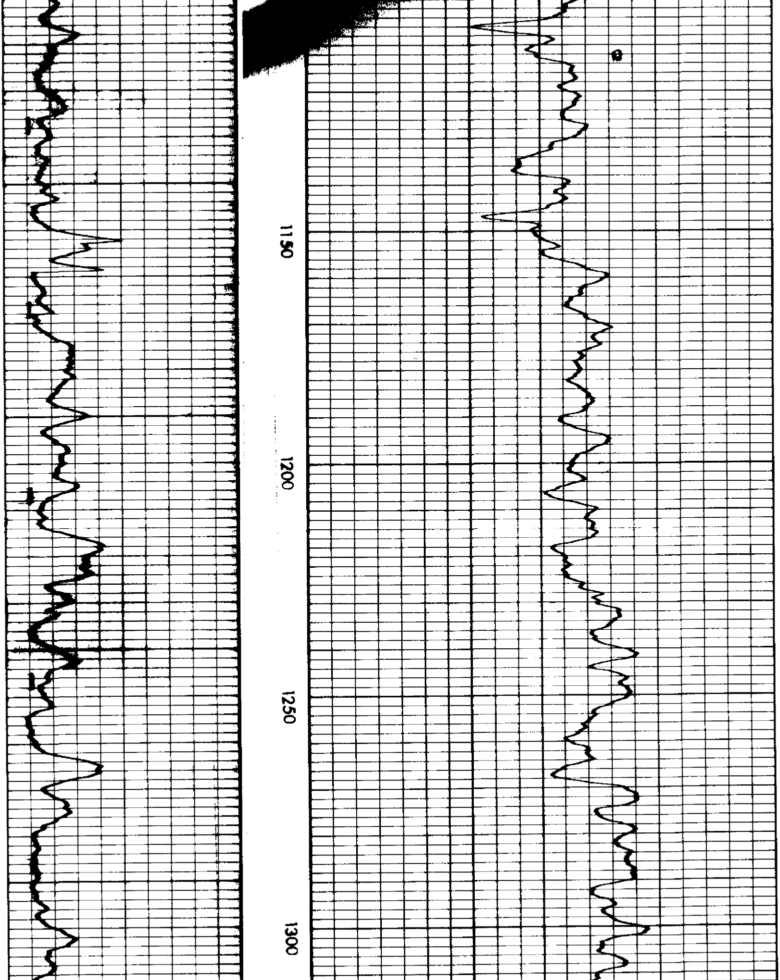


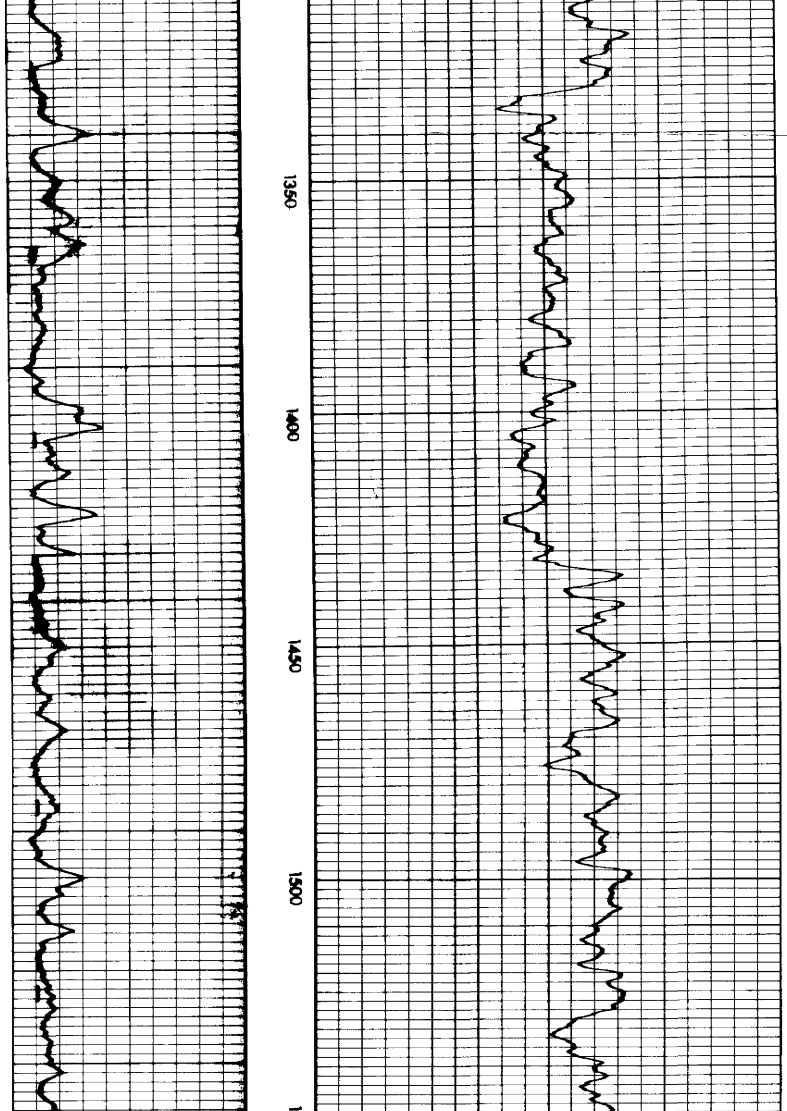


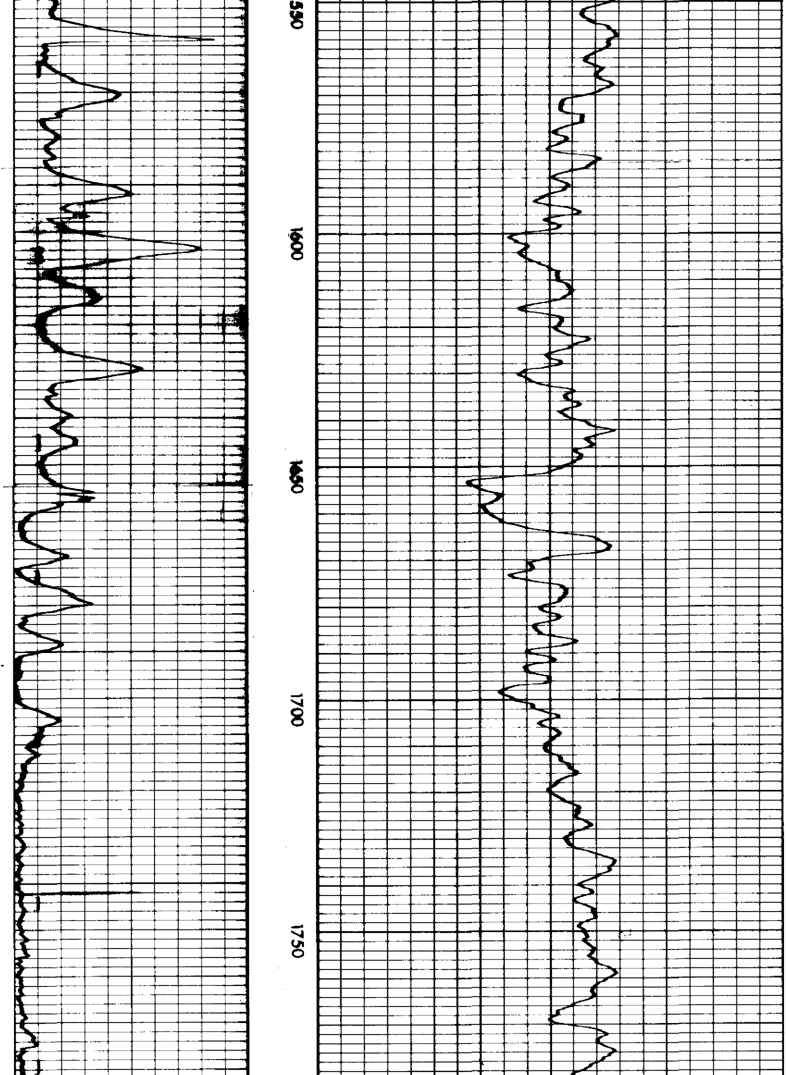


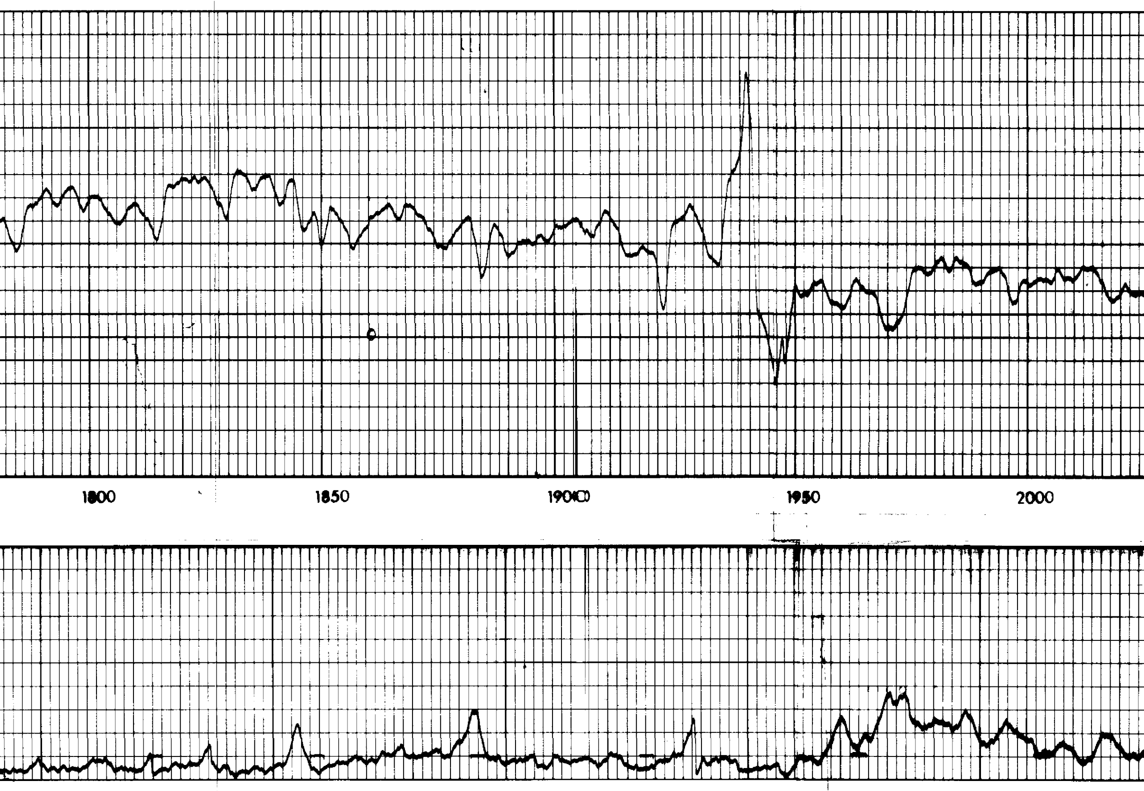


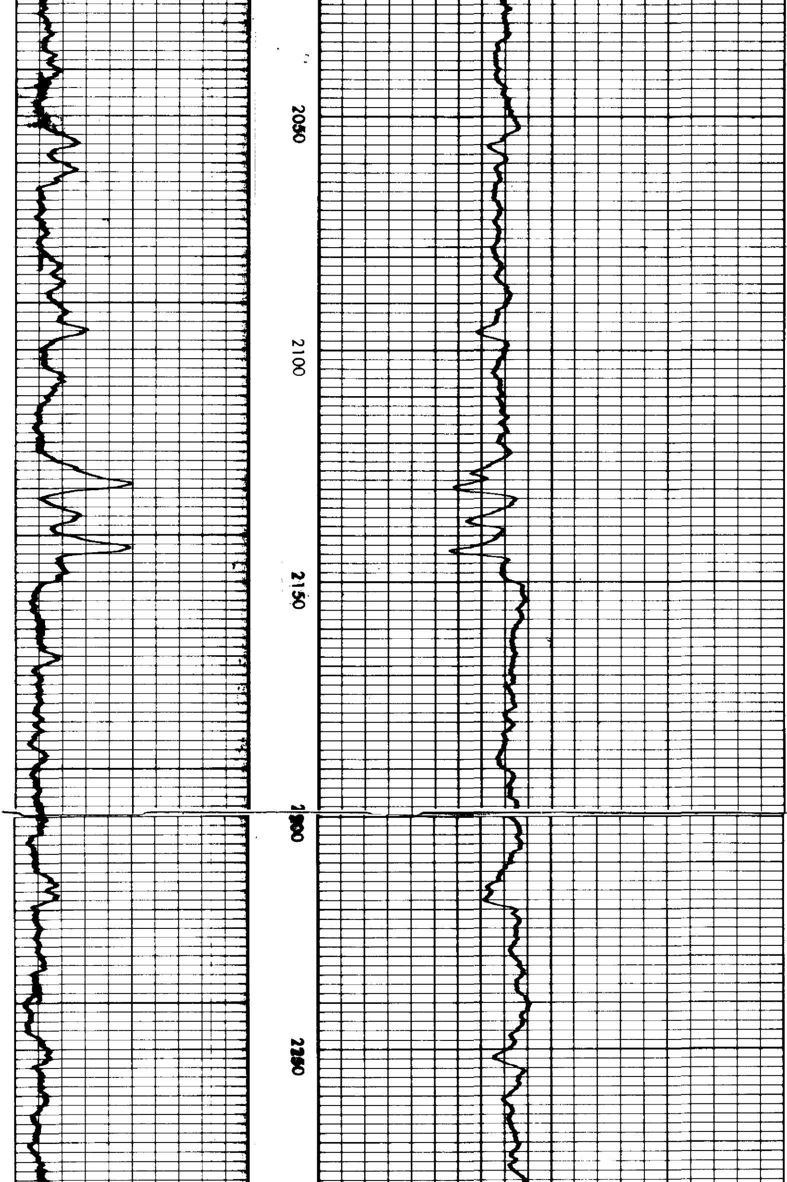


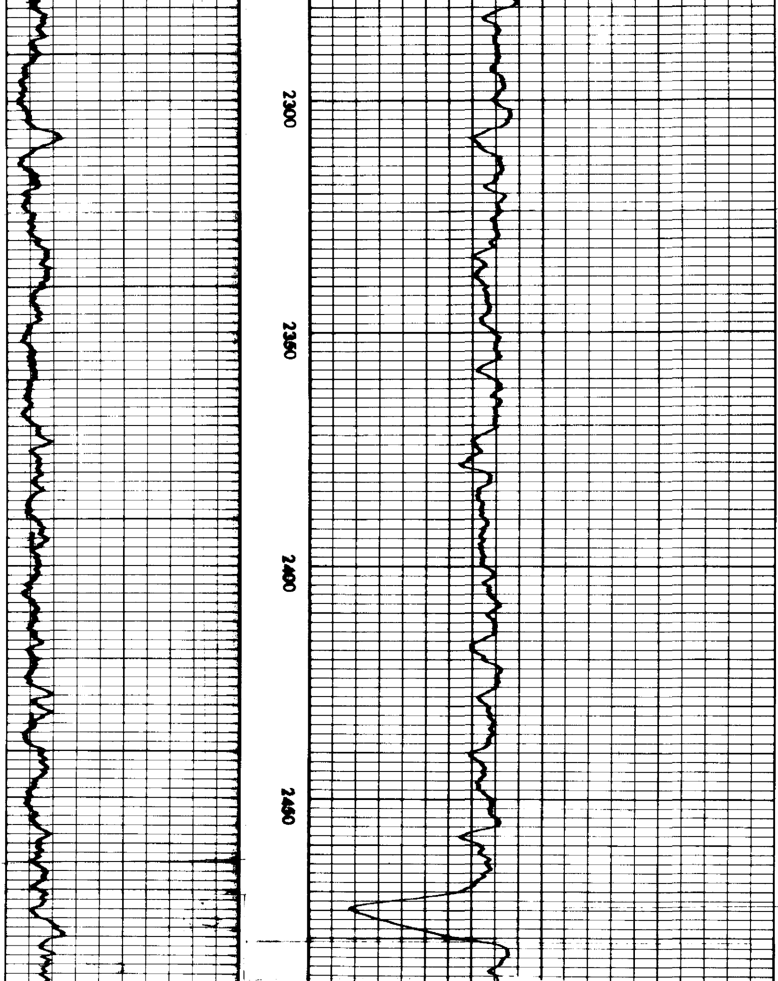


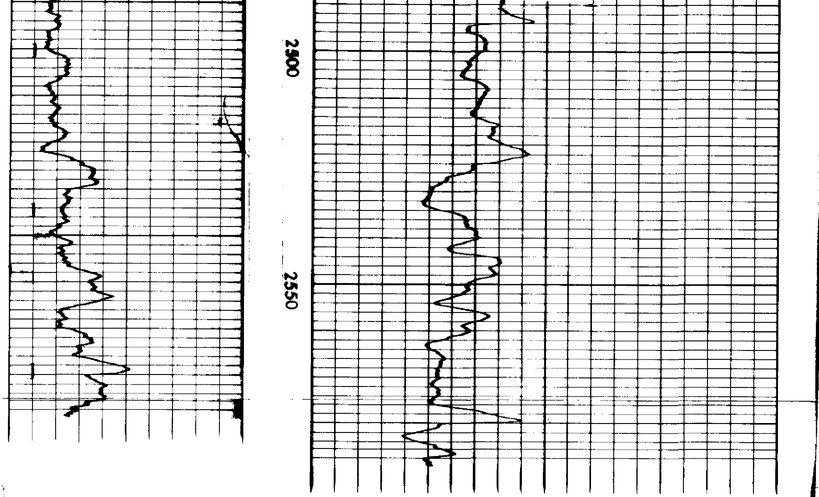












0	200	300	1800
200	400	1800	4300

GAMMA
API Gamma Ray Units

NEUTRON
API Neutron Units

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T.D. LOGGED 2590'
T.D. DRILLER 2610'
T.D. WELEX 2590'

LAIRA - - - AA .06599