

LOGGING DATA

DATE **YR-50**

WELL NO. **50**

WELL NAME **50**

WELL TYPE **50**

WELL DEPTH **50**

WELL DIRECTION **50**

WELL LOCATION **50**

WELL STATUS **50**

WELL COMMENTS **50**

LOGGING DATA

DATE **YR-51**

WELL NO. **51**

WELL NAME **51**

WELL TYPE **51**

WELL DEPTH **51**

WELL DIRECTION **51**

WELL LOCATION **51**

WELL STATUS **51**

WELL COMMENTS **51**

WIRELINE LOGGING

DATE **YR-52**

WELL NO. **52**

WELL NAME **52**

WELL TYPE **52**

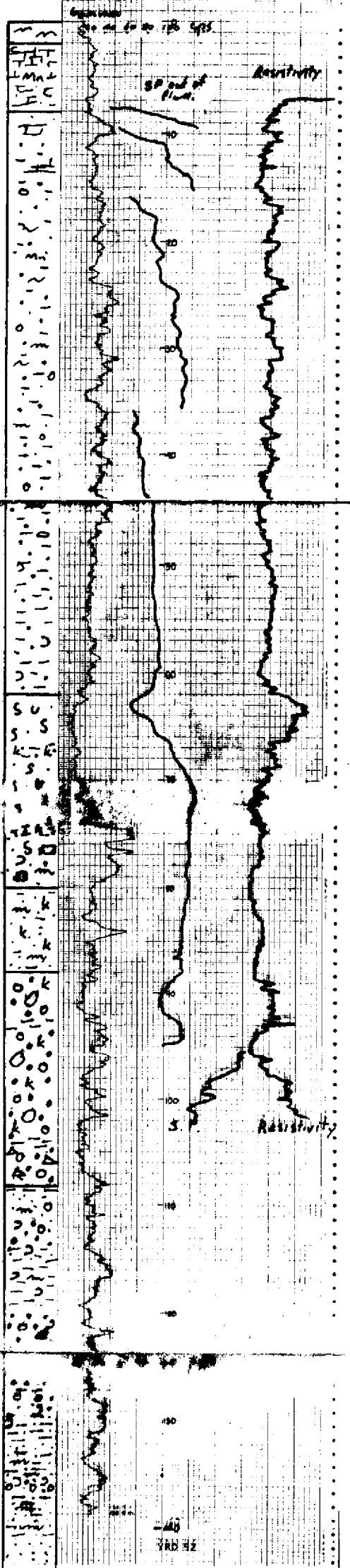
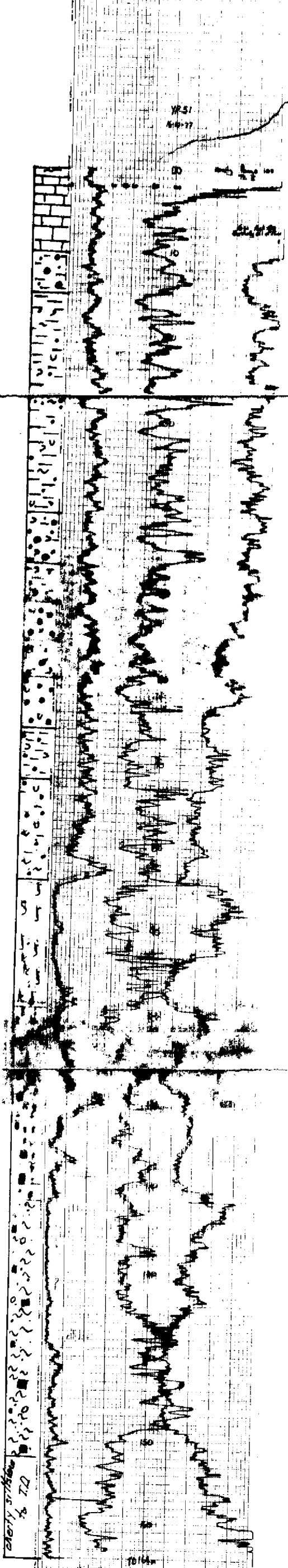
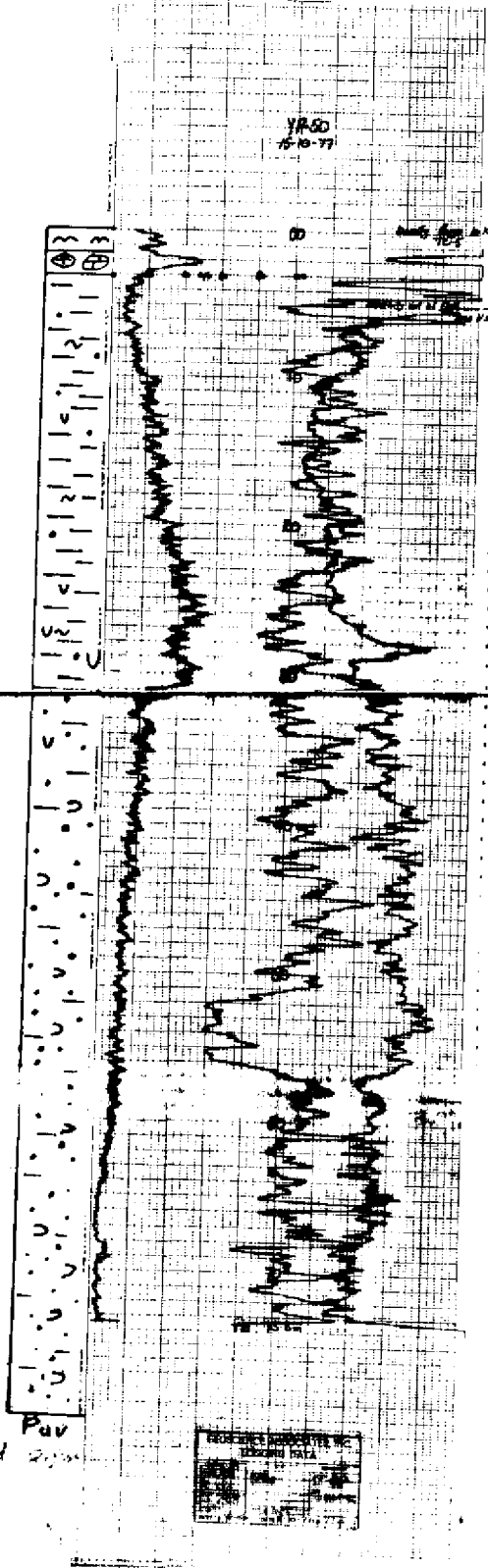
WELL DEPTH **52**

WELL DIRECTION **52**

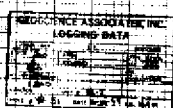
WELL LOCATION **52**

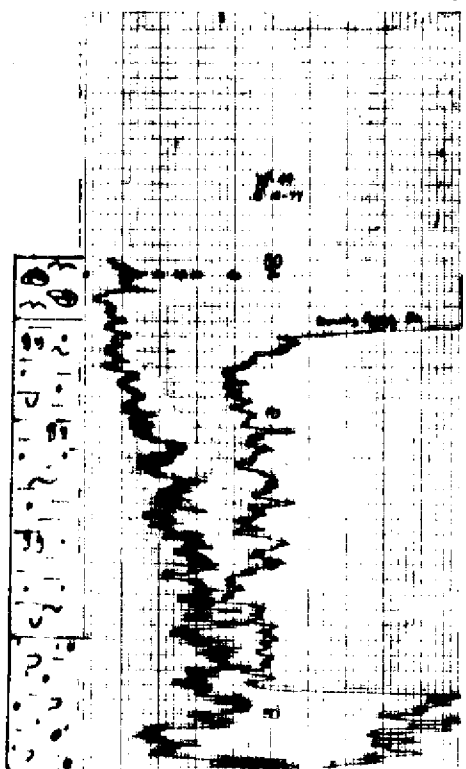
WELL STATUS **52**

WELL COMMENTS **52**



15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'

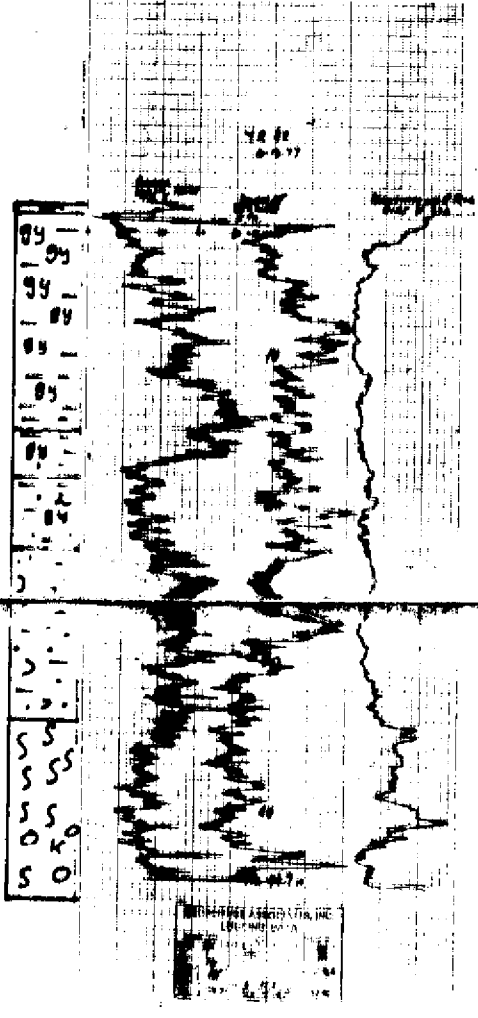


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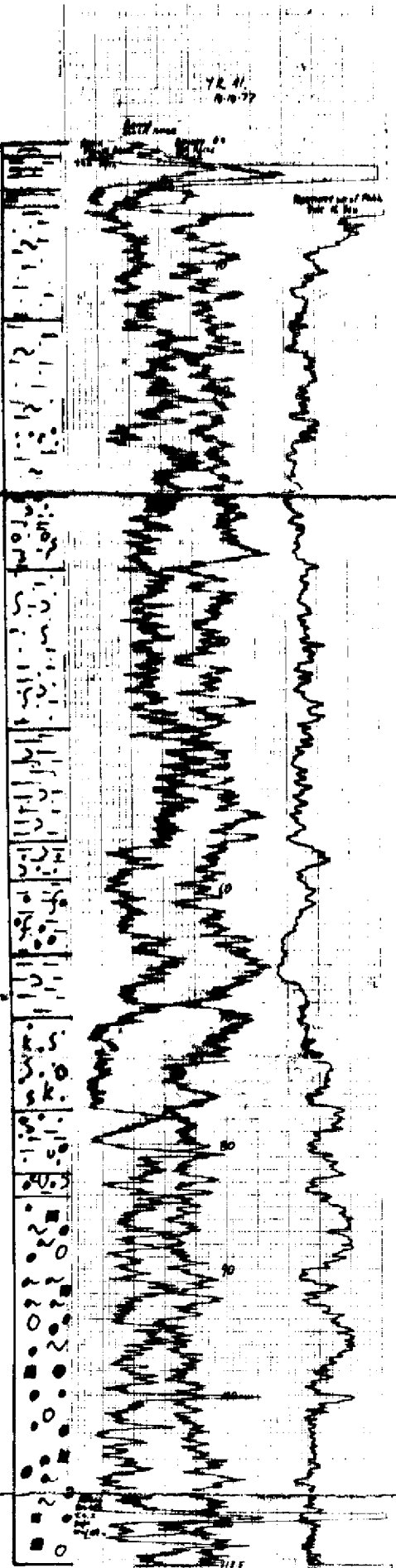
VE 42		VE 43	
LOGGING DATA		LOGGING DATA	
Well No.	42	Well No.	43
Date	8-9-77	Date	8-9-77
Location		Location	
Operator		Operator	
Driller		Driller	
Logger		Logger	
Time		Time	
Depth		Depth	
Interval		Interval	
Remarks		Remarks	



VE 41		VE 42	
LOGGING DATA		LOGGING DATA	
Well No.	41	Well No.	42
Date	8-9-77	Date	8-9-77
Location		Location	
Operator		Operator	
Driller		Driller	
Logger		Logger	
Time		Time	
Depth		Depth	
Interval		Interval	
Remarks		Remarks	



VE 40		VE 41	
LOGGING DATA		LOGGING DATA	
Well No.	40	Well No.	41
Date	8-9-77	Date	8-9-77
Location		Location	
Operator		Operator	
Driller		Driller	
Logger		Logger	
Time		Time	
Depth		Depth	
Interval		Interval	
Remarks		Remarks	



LOGGING DATA

Y350R

CLIENT Agre AustDATE 20/

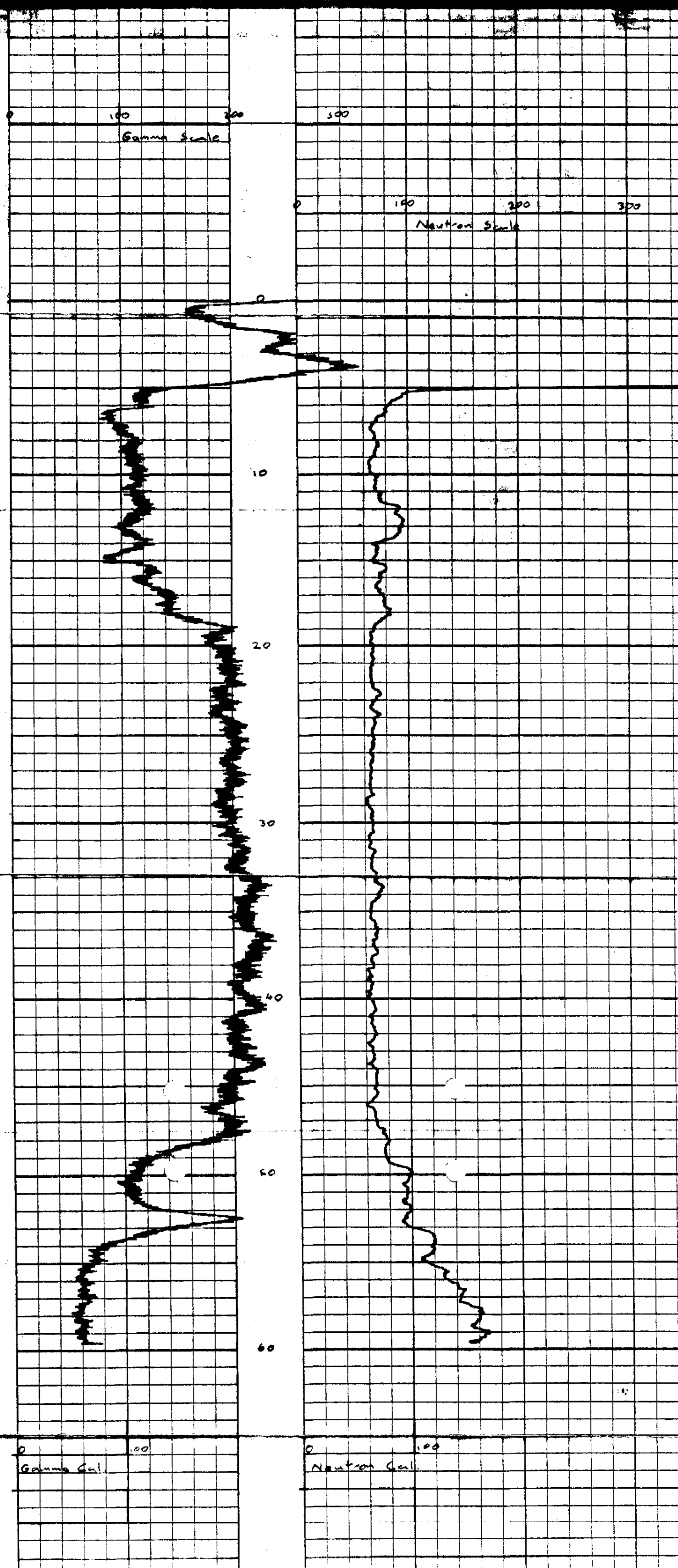
LOCATION		GAMMA	
STATE <u>N.T.</u>		LOGGED DEPTH (m) <u>60</u>	
REGION <u>Ngaliu Basin</u>		RANGE (cps/cm) <u>20 G.P.D.</u>	
PROJECT <u>Yungabira</u>	OPERATOR <u>H. G.</u>	TIME CONSTANT (sec) <u>2</u>	
HOLE DATA		CALIBRATION STANDARD	100 API UNITS
HOLE N° <u>Y350 R</u>		BACKGROUND COUNTS (cps) <u>50-70</u>	
HOLE SIZE <u>100 mm</u>		DETECTOR SIZE <u>4" x 1/2"</u>	
TOTAL DEPTH (m) <u>61.7</u>			
CASING DEPTH (m) <u>62</u>			
SURFACE ELEVATION		NEUTRON	
DATUM ELEVATION		LOGGER DEPTH (m) <u>60</u>	
BOREHOLE MEDIUM <u>Water & mud</u>		RANGE (cps/cm) <u>20 G.P.D.</u>	
FLUID LEVEL <u>5 m</u>		TIME CONSTANT (sec) <u>2</u>	
INTERPRETATION DATA		CALIBRATION STANDARDS: <u>1.9%, 19%, 26% PO</u>	
PROBE N° <u>L. N.</u>		SOURCE <u>Am Be (3000 mC)</u>	
PROBE O.D. (mm) <u>43</u>		SPACING (cm)	
LOGGING SPEED (m/min) <u>6</u>			
PAPER SPEED (m/cm)		ELECTRIC	
REMARKS		LOGGED DEPTH (m)	
<u>WATER BORE</u>		RESISTIVITY SCALE (ohm/cm)	CAL.
		S.P. SCALE (mV/cm)	CAL.
		PROBE SIZE: <u>1 cm</u>	
		RESISTIVITY TYPE: <u>SINGLE POINT</u>	

GAMMA

DEPTH

NEUTRON

S.P. RESISTIVI



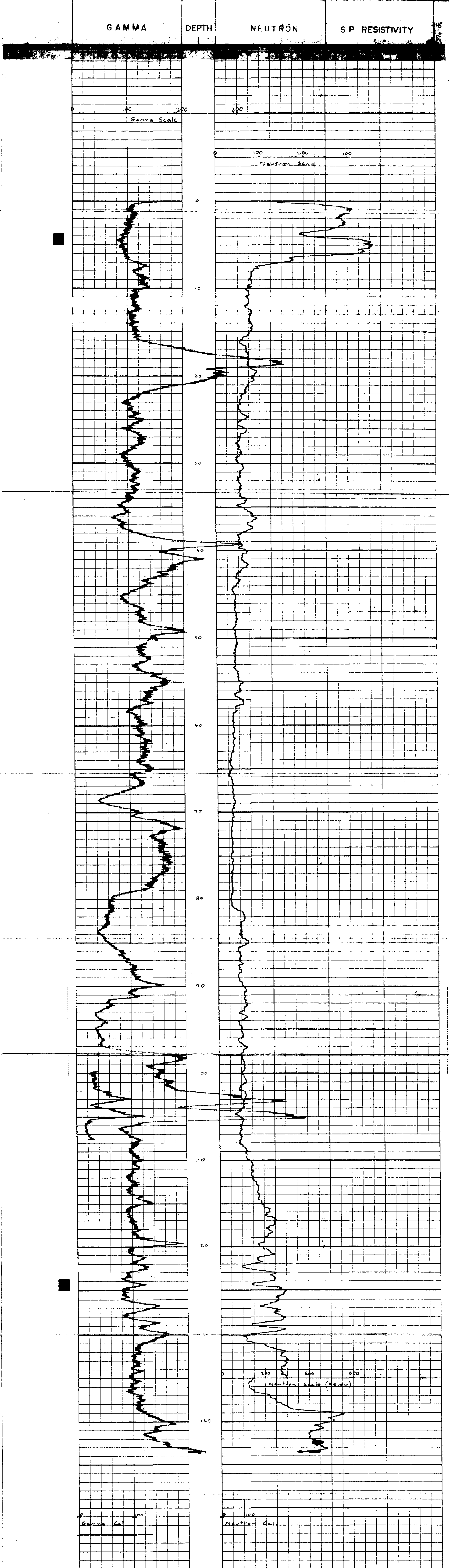
LOGGING DATA

Y349 RD

ENT. Agip Aust.

DATE: 16/7/81

LOCATION	GAMMA
TE N.T.	LOGGED DEPTH (m) 144
ION Ngalia Basin	RANGE (cps/cm) 20 G.P.D.
JECT Yungarra OPERATOR	TIME CONSTANT (sec) 2
HOLE DATA	CALIBRATION STANDARD 100 API UNITS
LE N° Y 349 RD	BACKGROUND COUNTS (cps) 150-200
LE SIZE BW-138; BR-145	DETECTOR SIZE 4" x 3/4"
AL DEPTH (m) 144.8	NEUTRON
ING DEPTH (m) PVC + BW-138; BR-145	LOGGER DEPTH (m) 144
FACE ELEVATION	RANGE (cps/cm) 50 (144-135m); 25 (135-0m)
UM ELEVATION	TIME CONSTANT (sec) 1
EHOLE MEDIUM Water + Mud	CALIBRATION STANDARDS: 1.9%, 19%, 26% POROSITY
ID LEVEL	SOURCE Am Be (3000 mC)
INTERPRETATION DATA	SPACING (cm)
BE N° L.O.N.	ELECTRIC
BE O.D. (mm) 43	LOGGED DEPTH (m)
ING SPEED (m/min) 6	RESISTIVITY SCALE (ohm/cm) CAL. STD: 100m
ER SPEED (m/cm)	S.P. SCALE (mV/cm) CAL. STD: 0,100m
REMARKS	PROBE SIZE 3m
	RESISTIVITY TYPE SINGLE POINT



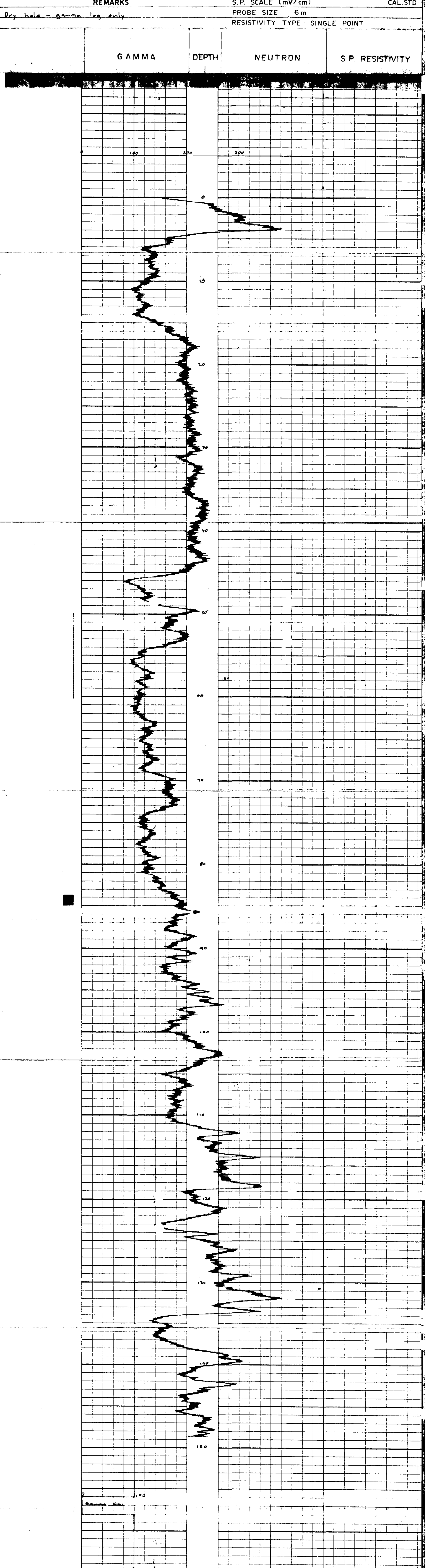
LOGGING DATA

Y 348 P

CLIENT: AGIP Aust.

DATE: 12/7/81

LOCATION		GAMMA	
STATE N.T.		LOGGED DEPTH (m) 149	
REGION Ngala Basin		RANGE (cps/cm) 20 C.P.D.	
PROJECT Yungarra	OPERATOR R.G.	TIME CONSTANT (sec) 3	
HOLE DATA		CALIBRATION STANDARD 100 API UNITS	
HOLE N° Y 348 P		BACKGROUND COUNTS (cps) 200-240	
HOLE SIZE 150 mm		DETECTOR SIZE 4" x 3/4"	
TOTAL DEPTH (m) 150			
CASING DEPTH (m) 80		NEUTRON	
SURFACE ELEVATION		LOGGER DEPTH (m)	
DATUM ELEVATION		RANGE (cps/cm)	
BOREHOLE MEDIUM Dry hole		TIME CONSTANT (sec)	
FLUID LEVEL		CALIBRATION STANDARDS: 1.9%, 19%, 26% POROSIT	
INTERPRETATION DATA		SOURCE Am Be (3000mC)	
PROBE N° L ₁		SPACING (cm)	
PROBE O.D. (mm) 43			
LOGGING SPEED (m/min) 6		ELECTRIC	
PAPER SPEED (m/cm)		LOGGED DEPTH (m)	
		RESISTIVITY SCALE (ohm/cm) CAL STD	
REMARKS		S.P. SCALE (mV/cm) CAL STD	
Dry hole - gamma log only		PROBE SIZE 6 m	
		RESISTIVITY TYPE SINGLE POINT	



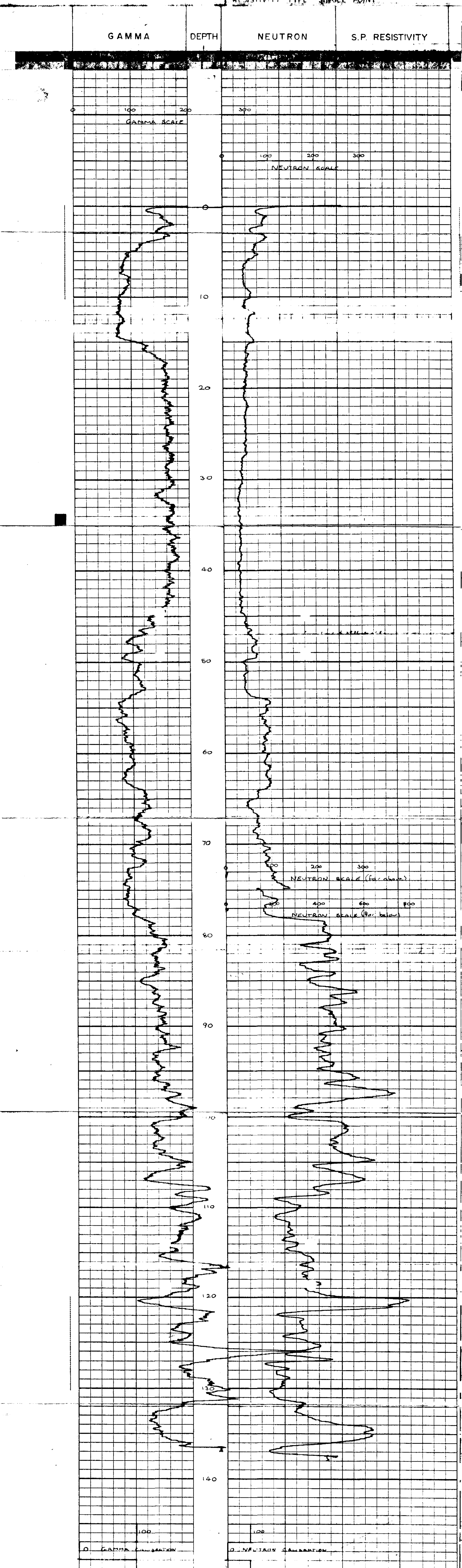
LOGGING DATA

Y344RD

ENT: AGIP Aust.

DATE: 6/7/81

LOCATION			GAMMA	
TE	NT		LOGGED DEPTH (m)	137-
ION	NGALIA BASIN		RANGE (cps/cm)	20 cpo
JECT	YUNGARRA	OPERATOR <i>g. Watten</i>	TIME CONSTANT (sec)	3
HOLE DATA			CALIBRATION STANDARD	
HE N°	Y 344 RD		BACKGROUND COUNTS (cps)	250-280
HE SIZE	150-- to 75-- BQ to 141--		DETECTOR SIZE	4" x 3/4
AL DEPTH (m)	138.5-		NEUTRON	
NG DEPTH (m)	PVC + BW to 75-- BQ to 141--		LOGGER DEPTH (m)	138--
FACE ELEVATION			RANGE (cps/cm)	25 cpo to 75-- 50 cpo 75-- TD
JM ELEVATION			TIME CONSTANT (sec)	1
EHOLE MEDIUM	WATER + MUD		CALIBRATION STANDARDS: 1.9%, 19%, 26% POROSITY	
OD LEVEL			SOURCE Am Be (3000 mC)	
INTERPRETATION DATA			SPACING (cm)	
BE N°	L ₁ N ₁		ELECTRIC	
BE O.D. (mm)	43		LOGGED DEPTH (m)	
ING SPEED (m/min)	6		RESISTIVITY SCALE (ohm/cm)	CAL. STD: 100-∞
ER SPEED (m/cm)			S.P. SCALE (mV/cm)	CAL. STD: 0, 100r
REMARKS			PROBE SIZE	6 m
			RESISTIVITY TYPE	SINGLE POINT



CR831818

GEOEX

PTY. LTD.

LOGGING DATA

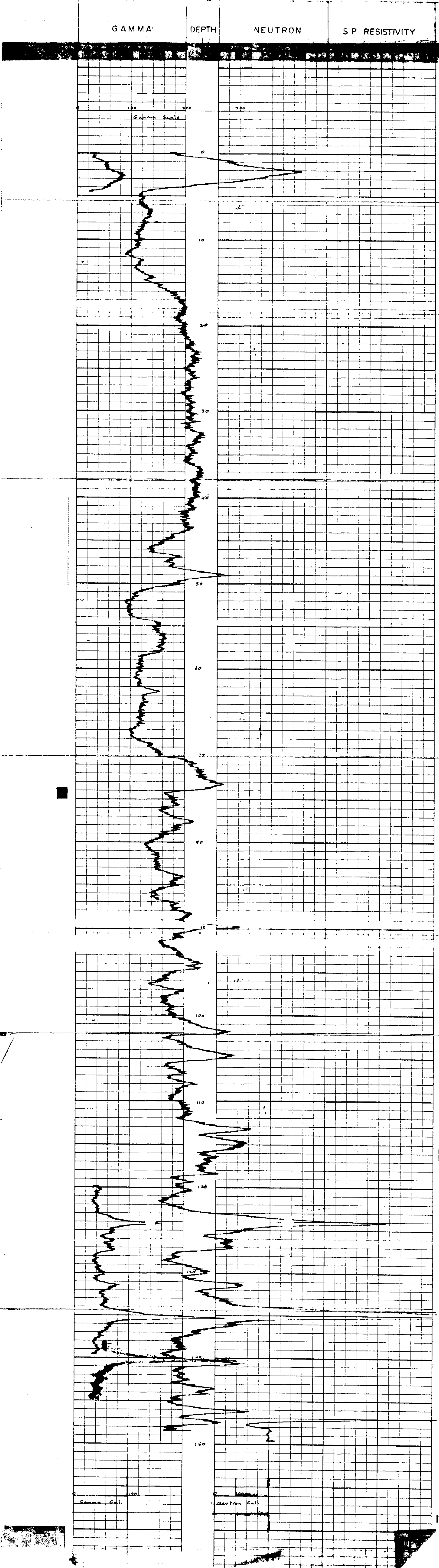
Y 347 P

CLIENT: AGIP Aust.

DATE: 11/7/81

LOCATION		GAMMA	
STATE N.T.		LOGGED DEPTH (m) 149	
REGION Ngala Basin		RANGE (cps/cm) 20 C.P.D.	
PROJECT Yungarra		TIME CONSTANT (sec) 3	
HOLE DATA		CALIBRATION STANDARD 100 API UNITS	
HOLE NO Y 347 P		BACKGROUND COUNTS (cps) 180-230	
HOLE SIZE 150 mm		DETECTOR SIZE 4" x 3/4"	
TOTAL DEPTH (m) 150			
CASING DEPTH (m) 70		NEUTRON	
SURFACE ELEVATION		LOGGER DEPTH (m) 150 m - 120 m	
BATHY THERMOGRAPHY		RANGE (cps/cm)	
BOREHOLE MEDIUM Dry hole		TIME CONSTANT (sec)	
FLUID LEVEL		CALIBRATION STANDARDS: 1.9%, 19%, 26% POROSITY	
INTERPRETATION DATA		SOURCE Am Be (3000 mC)	
PROBE NO L. O.		SPACING (cm)	
PROBE O.D. (mm) 43			
LOGGING SPEED (m/min) 6 (30-8)		ELECTRIC	
TAPE SPEED (m/cm)		LOGGED DEPTH (m)	

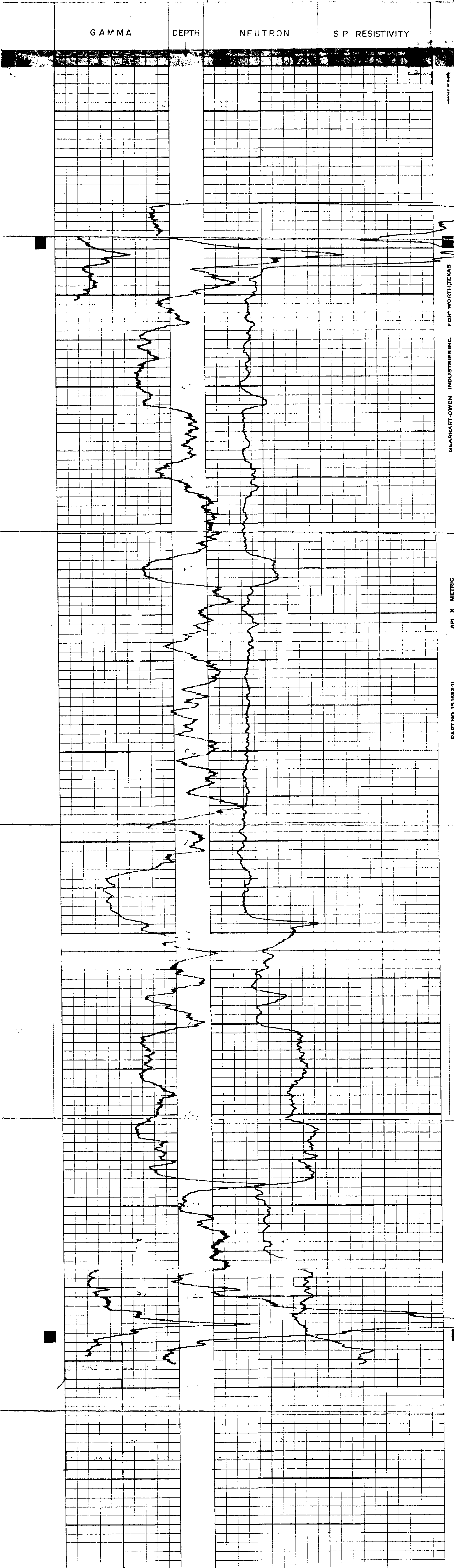
REMARKS	RESISTIVITY SCALE (ohm/cm)	CAL. STD: 100
Dry hole - neutron digital record only made - # 120-	S.P. SCALE (mV/cm)	CAL. STD: 0, 10
	PROBE SIZE 1 m	
	RESISTIVITY TYPE SINGLE POINT	



LOGGING DATA

DATE: 11/1/83

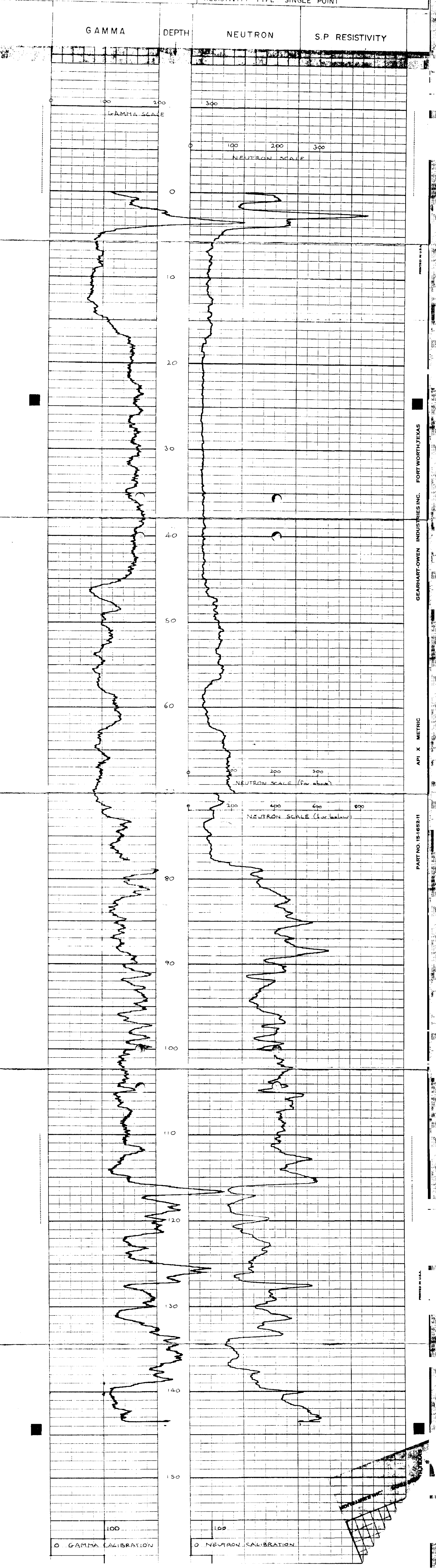
LOCATION		GAMMA	
NT		LOGGED DEPTH (m)	
Y 110-133		RANGE (cps/cm)	
OPERATOR		TIME CONSTANT (sec)	
HOLE DATA		CALIBRATION STANDARD 100 API UNITS	
Y 338 R		BACKGROUND COUNTS (cps)	
E 100 - 100		DETECTOR SIZE	
DEPTH (m)		NEUTRON	
DEPTH (m)		LOGGER DEPTH (m)	
ELEVATION		RANGE (cps/cm)	
ELEVATION		TIME CONSTANT (sec)	
E MEDIUM		CALIBRATION STANDARDS: 1-9%, 19%, 26% POROSITY	
EVEL		SOURCE Am Be (3000 mC)	
INTERPRETATION DATA		SPACING (cm)	
D. (mm) 43		ELECTRIC	
SPEED (m/min)		LOGGED DEPTH (m)	
SPEED (m/cm)		RESISTIVITY SCALE (ohm/cm) CAL. STD: 100 ~	
REMARKS		S.P. SCALE (mV/cm) CAL. STD: 0, 100 mV	
		PROBE SIZE 6 m	
		RESISTIVITY TYPE SINGLE POINT	



T. AGIP Aust

DATE: 25/6/81

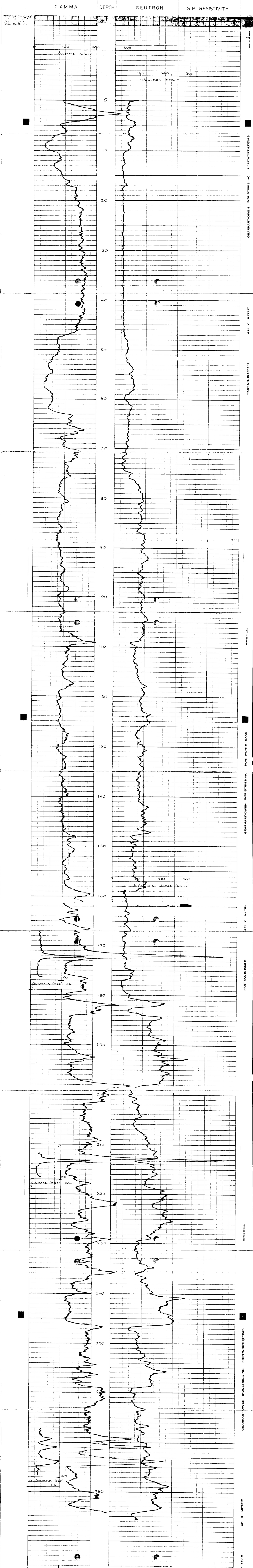
LOCATION		GAMMA	
NT		LOGGED DEPTH (m)	
NGALIA BASIN		144m	
YUNGARRA OPERATOR <i>g/wh</i>		RANGE (cps/cm)	
HOLE DATA		20 cps	
Y 339 RD		TIME CONSTANT (sec)	
150mm to 78m BQ to TD		3	
DEPTH (m)		CALIBRATION STANDARD	
144.7m		100 API UNITS	
DEPTH (m) PVC to 78m BQ to 78m BQ to TD		BACKGROUND COUNTS (cps)	
CE ELEVATION		200-230	
ELEVATION		DETECTOR SIZE	
HOLE MEDIUM WATER + MUD		4" x 3/4"	
LEVEL		NEUTRON	
INTERPRETATION DATA		LOGGED DEPTH (m)	
N° L. N.		144m	
D.O. (mm) 43		RANGE (cps/cm)	
S SPEED (m/min) 6		2.5 cps to 70m 50 cps 70m to TD	
SPEED (m/cm)		TIME CONSTANT (sec)	
REMARKS		1	
gamma pen failure at 79m		CALIBRATION STANDARDS: 1.9%, 19%, 26% POROSITY	
		SOURCE Am Be (3000mC)	
		SPACING (cm)	
		ELECTRIC	
		LOGGED DEPTH (m)	
		RESISTIVITY SCALE (ohm/cm)	
		CAL STD: 100 ohm	
		S.P. SCALE (mV/cm)	
		CAL STD: 0,100mV	
		PROBE SIZE 7.6	
		RESISTIVITY TYPE SINGLE POINT	



LOGGING DATA

Y33711

T AGIP Aust		CR8387B		DATE: 14/6/81	
LOCATION			GAMMA		
NT			LOGGED DEPTH (m) 286-		
NGALIA BASIN			RANGE (cps/cm) 20 cph		
ECT VUNGARRA		OPERATOR J. Weller		TIME CONSTANT (sec) 3	
HOLE DATA			CALIBRATION STANDARD 100 API UNITS		
N° Y 337 RD			BACKGROUND COUNTS (cps) 220-240		
SIZE 150mm to 180- 30 to 285-			DETECTOR SIZE 4" x 3 1/2"		
DEPTH (m) 286-1			NEUTRON		
G DEPTH (m) PVC to 180- NA to 180- 30 to 285			LOGGER DEPTH (m) 286-		
ICE ELEVATION			RANGE (cps/cm) 25 cph 0 to 159 50.00 159.10 TD		
HOLE MEDIUM WATER + MUD			TIME CONSTANT (sec) 1		
LEVEL			CALIBRATION STANDARDS: 1-9%, 19%, 26% POROSITY		
INTERPRETATION DATA			SOURCE Am Be (3000mC)		
N° L, N, O.			SPACING (cm)		
O.D. (mm) 43			ELECTRIC		
LOG SPEED (m/min) 6			LOGGED DEPTH (m)		
R SPEED (m/cm)			RESISTIVITY SCALE (ohm/cm) CAL STD 100		
REMARKS			S P SCALE (mV/cm) CAL STD 0.10		
			PROBE SIZE 6m		
			RESISTIVITY TYPE SINGLE POINT		



LOGGING DATA

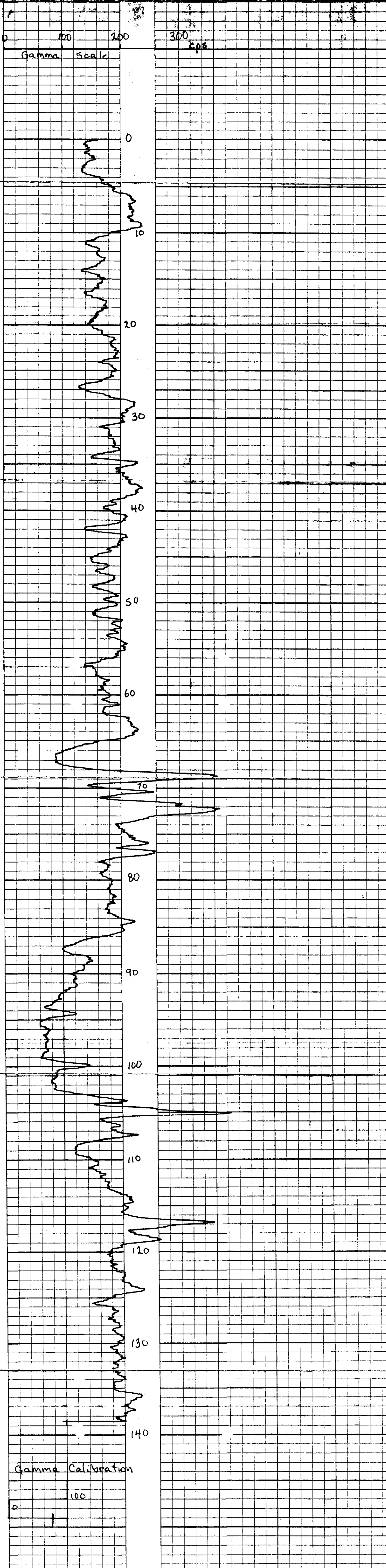
DATE 14/4/81

LOCATION		GAMMA RAY	
STATE	N.T.	FIRST READING	139.0m
REGION	YUNGARRA	RANGE	20 cpm
PROJECT		TIME CONSTANT	3 secs
HOLE DATA		LOGGING SPEED	6 m/min
HOLE N°	Y322R-PVC	PAPER SCALE	200:1
HOLE SIZE	150 mm	BACKGROUND COUNTS	190-220
CASING	100 mm	DETECTOR SIZE	4" X 3/4"
T.D.	140.1 m	DIGITAL READ OUT	-
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM	Water + Mud	FIRST READING	
FLUID LEVEL	-	RESIST. SCALE (K/DIV.)	
DRILLER		S.P. SCALE (MY/DIV.)	
INTERPRETATION DATA		PROBE SIZE	1 5/8"
PROBE N°	L1	RES. TYPE	SINGLE POINT
CALIBRATION STANDARD		RIG TIME	
K FACTOR			
DEAD TIME	7 usecs		
OPERATOR	B.G.		
REMARKS			

GAMMA RAY

S.P.

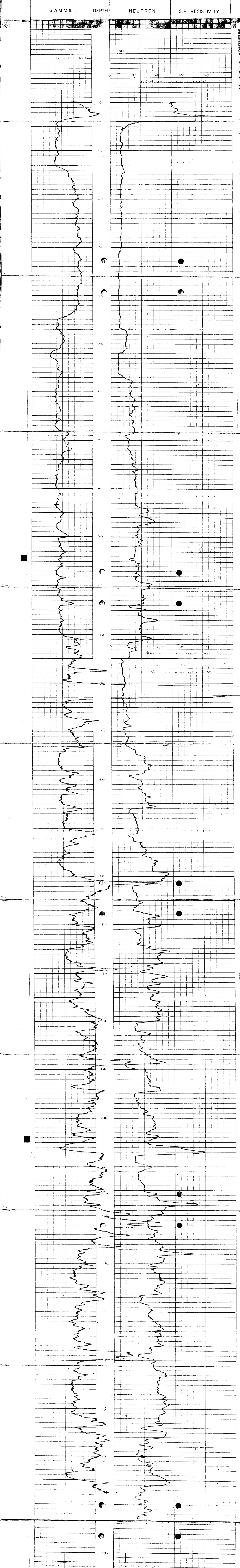
RESISTIVITY



LOGGING DATA

Y325R

LOCATION		GAMMA	
NT		LOGGED DEPTH (m) 288	
NGA-1 BASIN		RANGE (cps/cm) 20-100	
YONGABARA OPERATOR J. J. J.		TIME CONSTANT (sec) 3	
HOLE DATA		CALIBRATION STANDARD 100 API UNITS	
Y 325 RD		BACKGROUND COUNTS (cps) 200-250	
ZE 150-10 120-100 100-100 80-100		DETECTOR SIZE 4" x 3"	
DEPTH (m) 295		NEUTRON	
DEPTH (m) PVC 10 120 100 100 80 100		LOGGER DEPTH (m) 294	
ELEVATION		RANGE (cps/cm) 50 (15-10 TD) 25 (10-15)	
ELEVATION		TIME CONSTANT (sec) 1	
E MEDIUM WINE & MUD		CALIBRATION STANDARDS: 1-9%, 19%, 26% POROSITY	
LEVEL		SOURCE Am Be (3000mC)	
INTERPRETATION DATA		SPACING (cm)	
L. N.		ELECTRIC	
D.D. (mm) 43		LOGGED DEPTH (m)	
SPEED (m/min) 6		RESISTIVITY SCALE (ohm/cm) CAL STD: 100-1	
SPEED (m/cm)		S.P. SCALE (mV/cm) CAL STD: 0, 100mV	
REMARKS		PROBE SIZE 7.6m	
		RESISTIVITY TYPE SINGLE POINT	



CR83870

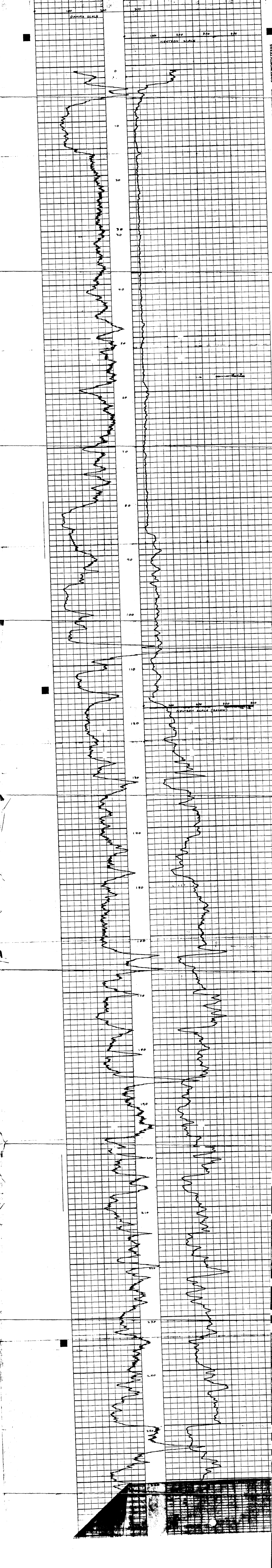
LOGGING DATA

Y343RD

DATE: 8-7-81

AGIP AUST.

LOCATION		GAMMA	
V.T.		LOGGED DEPTH (m) 262	
NGALIA BASIN		RANGE (cps/cm) 20 c.p.d.	
YUNGARRA		TIME CONSTANT (sec) 3	
HOLE DATA		CALIBRATION STANDARD 100 API UNITS	
Y 343 RD		BACKGROUND COUNTS (cps) 240-270	
ZE BW to 126m; DA to 261		DETECTOR SIZE 4" x 3/4"	
DEPTH (m) 264		NEUTRON	
ELEVATION		LOGGED DEPTH (m) 262	
ELEVATION		RANGE (cps/cm) 25 c.p.d. to 115; 30 c.p.d. to 262m	
LE MEDIUM WATER + MUD		TIME CONSTANT (sec) 1	
EVEL		CALIBRATION STANDARDS: 1-9%, 19%, 26% POROSITY	
INTERPRETATION DATA		SOURCE Am Be (3000mc)	
N ² L ₁ N ₁		SPACING (cm)	
O.D. (mm) 43		ELECTRIC	
SPEED (m/min) 6		LOGGED DEPTH (m)	
SPEED (m/cm)		RESISTIVITY SCALE (ohm/cm) CAL. STD: 100 ~	
REMARKS		S.P. SCALE (mV/cm) CAL. STD: 0, 100mV	
Incorrect chartline at bottom of hole? Dm.		PROBE SIZE 3m	
Holes of 10m are and line badly cannot pass		RESISTIVITY TYPE SINGLE POINT	

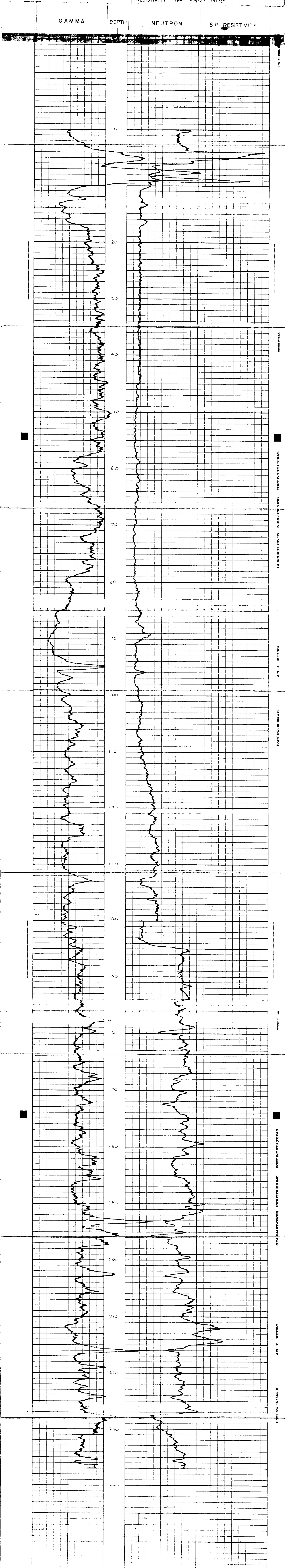


LOGGING DATA

Y334R

DATE: 2/1/71

LOCATION		GAMMA	
HOLE DATA		LOGGED DEPTH (m) 1.7	
OPERATOR		RANGE (cps/cm) 2.3	
HOLE DATA		TIME CONSTANT (sec) 1	
HOLE DATA		CALIBRATION STANDARD 100 API UNITS	
HOLE DATA		BACKGROUND COUNTS (cps) 60	
HOLE DATA		DETECTOR SIZE 1.5	
HOLE DATA		NEUTRON	
HOLE DATA		LOGGER DEPTH (m)	
HOLE DATA		RANGE (cps/cm)	
HOLE DATA		TIME CONSTANT (sec)	
HOLE DATA		CALIBRATION STANDARDS: 1-9%, 19%, 26% POROSITY	
HOLE DATA		SOURCE Am Be (3000 mC)	
HOLE DATA		SPACING (cm)	
HOLE DATA		ELECTRIC	
HOLE DATA		LOGGED DEPTH (m)	
HOLE DATA		RESISTIVITY SCALE (ohm/cm) CAL. STD. 100 ~	
HOLE DATA		S.P. SCALE (mV/cm) CAL. STD. 0, 100 mV	
HOLE DATA		PROBE SIZE 7.5 m	
HOLE DATA		RESISTIVITY TYPE SINGLE POINT	
HOLE DATA		REMARKS	



PART NO.

PRINTED IN U.S.A.

GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

PART NO. 15-1652-11

PRINTED IN U.S.A.

GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

PART NO. 15-1652-11

DATE 29-3-81

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CR83/87B

GEOEX

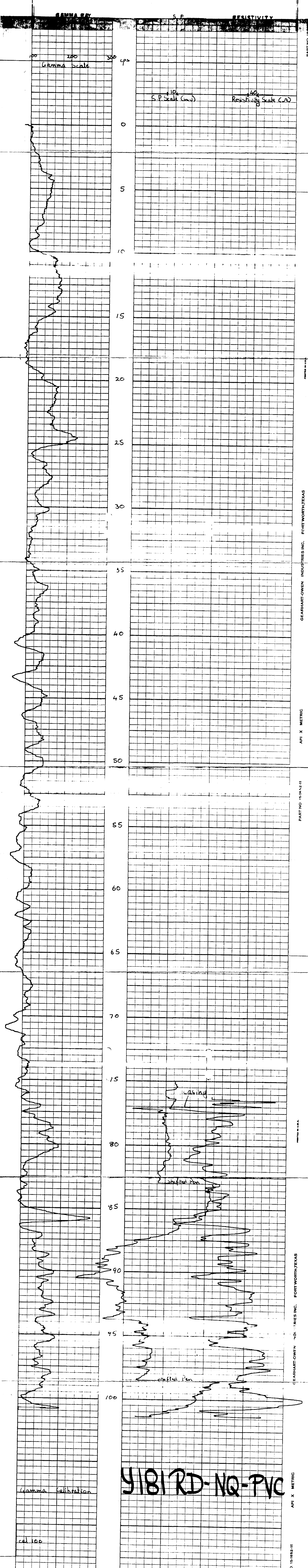
PTY. LTD.

LOGGING DATA

Y181RD-NQ-PVC

DATE 29.7.79

LOCATION		GAMMA RAY	
STATE	N.T.	FIRST READING	101.0 m
REGION	Yungarra	RANGE	20 cps
PROJECT		TIME CONSTANT	3 secs
HOLE DATA		LOGGING SPEED	6 m/min
HOLE N°	Y181RD-NQ-PVC	PAPER SCALE	100:1
HOLE SIZE	5 7/8" to 8 1/2"; 80 to T.D.	BACKGROUND COUNTS	140-160
CASING	NQ to 77.1m	DETECTOR SIZE	4" x 3"
T.D.	101.9m	DIGITAL READ OUT	-
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM	Water	FIRST READING	101.5m
FLUID LEVEL	-	RESIST. SCALE (V/DIV.)	40
DRILLER		S.P. SCALE (MY/DIV.)	10
INTERPRETATION DATA		PROBE SIZE	1 1/2"
PROBE N°	L	RES. TYPE	SINGLE POINT
CALIBRATION STANDARD		RIG TIME	
'K' FACTOR			
DEAD TIME	7.5secs		
OPERATOR	M.H.		
REMARKS			



PART NO. 15-1652-11
API X METRIC
GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS
PRINTED IN U.S.A.

818/8820

GEOEX

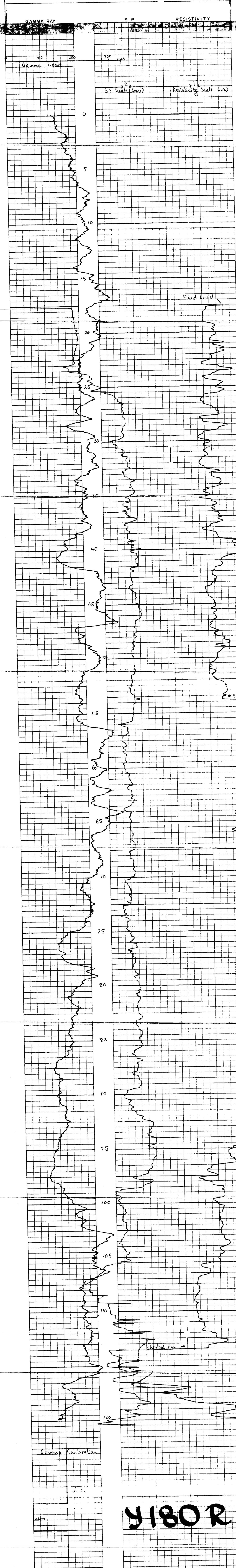
PTY LTD.

LOGGING DATA

DATE 10-7-79

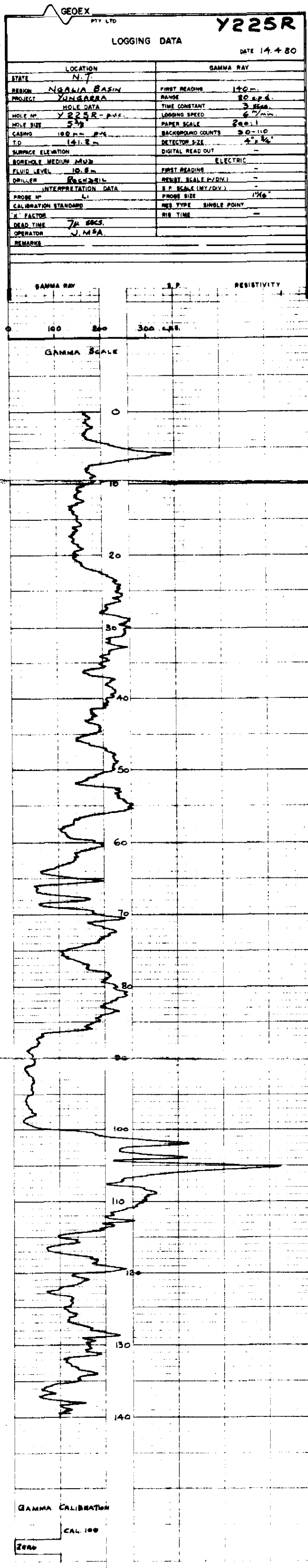
Y180R

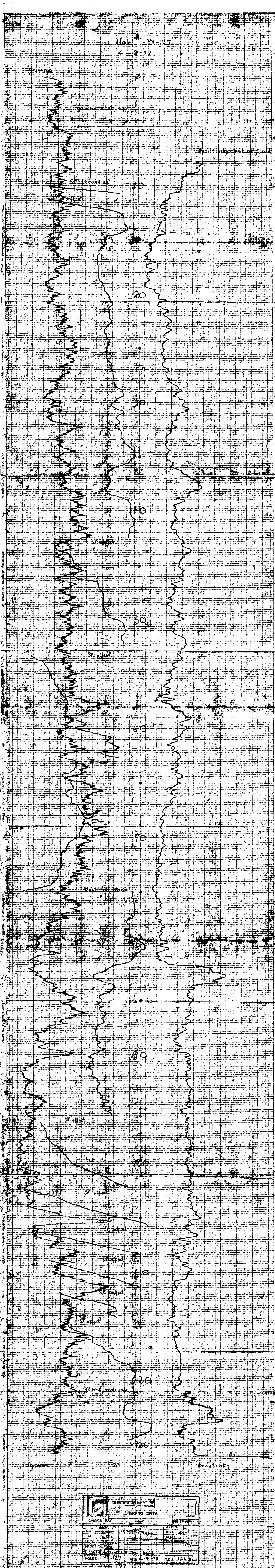
LOCATION		GAMMA RAY	
STATE N.T.		FIRST READING 120.0m	
REGION Yungarra		RANGE 20 cps	
PROJECT		TIME CONSTANT 3 sec	
HOLE DATA		LOGGING SPEED 6 m/min	
HOLE N° Y180R		PAPER SCALE 100:1	
HOLE SIZE 5 7/8"		BACKGROUND COUNTS 70-90	
CASING -		DETECTOR SIZE 4" x 3"	
T.D. 121.3m		DIGITAL READ OUT -	
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM Water + mud		FIRST READING 120.5m	
FLUID LEVEL 17.6m		RESIST. SCALE (m/DIV.) 1	
DRILLER		S.P. SCALE (m/DIV.) 2	
INTERPRETATION DATA		PROBE SIZE 1 1/2"	
PROBE N° L		RES TYPE SINGLE POINT	
CALIBRATION STANDARD		RIG TIME	
'K' FACTOR			
DEAD TIME 7 microseconds			
OPERATOR M.H.			
REMARKS			



Y180R

CR83/87B

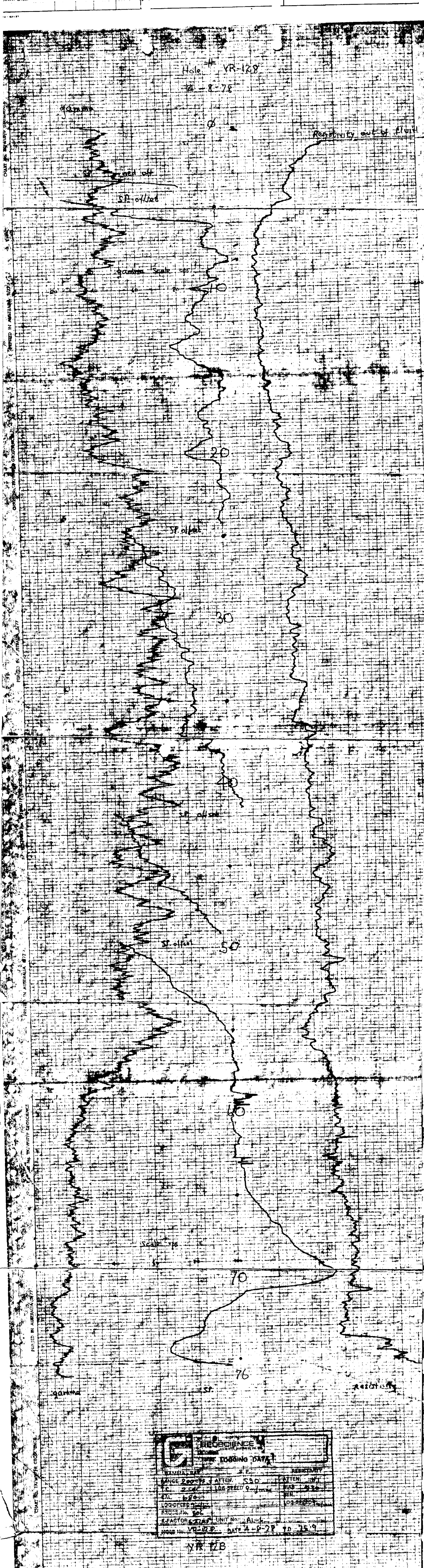


[illegible]

LOGGING DATA

DATE 4-8-78

LOCATION		HOLE NUMBER: YR-128		CLIENT: AGIP	
e. NORTHERN TERRITORY		Collar elev.		Claim:	
d. YUNGARRA		Depth drilled: 77m		Owned by:	
ect		CASING DATA		Operated by:	
spect.		HOLE DATA		Unit Operator: BLICHFELDT	
o " Long o "		Wall size in. Dia 4" from 0 to T.D)		Unit No. AL-6 Office ADELAIDE	
GAMMA RAY		Dia (inside) in. Dia from to		ELECTRIC	
INITIALS		Cased from to ft. Dia from to		1 2 3 4	
2 3 4		Cored hole ☐ Non cored hole ☒		Logged depth 75.9 75	
aped depth 75.9		Sampled interval		Rst. 1000 HI	
age (Full scale) 200		2 - fresh mud		S.P. scale 550	
ie constant 2		INTERPRETATION DATA		Paper speed 1 min 1 min	
er speed 1		Probe No. Standard (cps) K factor		Logging speed 9 min 9 min	
ining speed 9		306 1712 4.27×10^{-6}		Pore size 2 in 2	
and count 18		REMARKS		T.M. 1/2" 3/4"	
ube No. 306				M.S. 550	
ve (dia.) 2				CAI IER	
loe 2 1/2"				Logged depth	
andard (cps) 1712				Scale 10 in def	
ad time 6				Paper Speed	
mp. Gain 680				Logging speed	
strument No. 925				Acct Length	
ore hole medium				Max. Def. in	
lud density					
igital readout					
ime base					
pper Disc.					
ower Disc.					



0833/87B

GEOEX

PTY LTD.

Y179RD-BQ-NQ-PVC
LOGGING DATA

DATE 24-7-99

LOCATION		GAMMA RAY	
STATE	N.T.	FIRST READING	174.0m
REGION	Yungarra	RANGE	5 cpd
PROJECT		TIME CONSTANT	4 secs
HOLE DATA		LOGGING SPEED	6 m/min
HOLE N°	Y179RD-BQ-NQ-PVC	PAPER SCALE	100:1
HOLE SIZE	5 7/8" to 151m, BQ to T.D.	BACKGROUND COUNTS	5
CASING	BQ to T.D., NQ to 151m	DETECTOR SIZE	1" x 3/4"
T.D.	174.9m	DIGITAL READ OUT	-
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM	Water	FIRST READING	
FLUID LEVEL	-	RESIST. SCALE (K/DIV.)	
DRILLER		S.P. SCALE (MY/DIV.)	
INTERPRETATION DATA		PROBE SIZE	1 1/16"
PROBE N°	01	REL. TYPE	W. L. E. P. N°
CALIBRATION STANDARD		RIG TIME	
K' FACTOR			
OPERATOR	M.H.		
REMARKS			

GAMMA RAY

S.P.

RESISTIVITY

Gamma Scale

100 cps

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FORT WORTH, TEXAS

GEARHART-OWEN INDUSTRIES INC.

API X

METRIC

PART NO. 15-1652-11

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FORT WORTH, TEXAS

GEARHART-OWEN INDUSTRIES INC.

API X

METRIC

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API X

METRIC

PART NO. 15-1652-11

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FORT WORTH, TEXAS

GEARHART-OWEN INDUSTRIES INC.

API X

METRIC

Gamma Calibration

Y179RD-BQ-NQ-PVC

cal 100

zero

GEOEX

PTY. LTD.

Y176RD-BQ-NQ-PU

LOGGING DATA

DATE 19-7-79

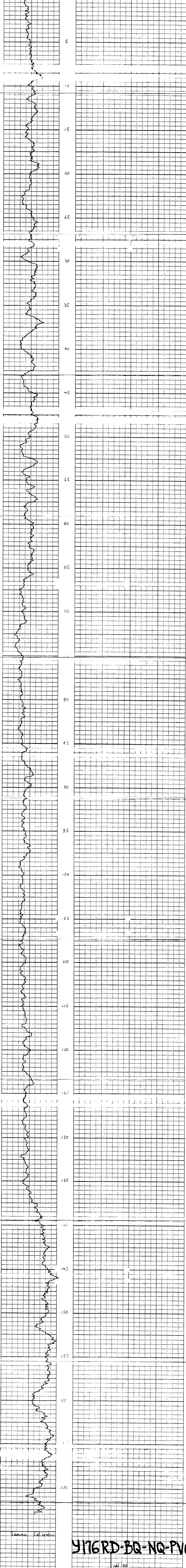
LOCATION		GAMMA RAY	
STATE N.T.		FIRST READING 173.0m	
REGION Yungabba		RANGE 5 rad	
PROJECT		* WF CONSTANT 4 secs	
HOLE DATA		LOGGING SPEED 6 m/min	
HOLE N° Y176RD-BQ-NQ-PVC		PAPER SCALE 100:1	
HOLE SIZE 5 1/8" to 1 1/2" m; BG to T.D.		BACKGROUND COUNTS 30-40	
CASING BG rods to T.D.; NQ rods to 1 1/2" S.		DETECTOR SIZE 1" x 3 1/4"	
T.D. 176.5m		DIGITAL READ OUT -	
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM Water		FIRST READING	
FLUID LEVEL -		RESIST. SCALE (r/DIV.)	
DRILLER		S.P. SCALE (MY/DIV.)	
INTERPRETATION DATA		PROBE SIZE 1 1/4"	
PROBE N° 01		RES. TYPE SINGLE POINT	
CALIBRATION STANDARD		RIG TIME	
'K' FACTOR			
DEAD TIME 7msecs			
OPERATOR M.H.			
REMARKS			

GAMMA RAY

S.P.

RESISTIVITY

Gamma Scale



Gamma Calibration

Y176RD-BQ-NQ-PVC

cal 100

2070

PART NO. 15-1652-11

API

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FORT WORTH, TEXAS

GEARHART-OWEN INDUSTRIES INC.

METRIC

API X

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GEARHART-OWEN INDUSTRIES INC.

METRIC

API X

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METRIC

API X

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FORT WORTH, TEXAS

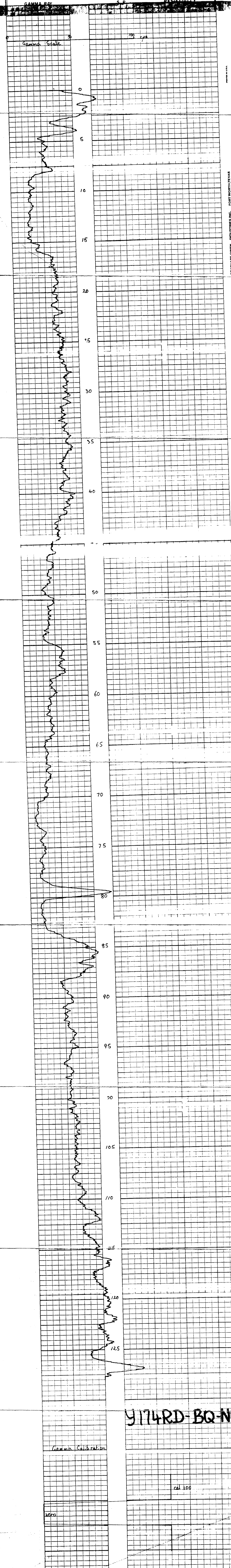
GEARHART-OWEN INDUSTRIES INC.

METRIC

API X

818188D

GEOEX PTY. LTD.	
Y174RD-BQ-NQ-PVC	
LOGGING DATA	
DATE 16-7-79	
LOCATION	GAMMA RAY
STATE N.T.	FIRST READING 128.0m
REGION Yungarra	RANGE 5cpd
PROJECT	TIME CONSTANT 6msec
HOLE DATA	LOGGING SPEED 6m/min
HOLE NO. Y174RD-BQ-NQ-PVC	PAPER SCALE 100:1
HOLE SIZE 5 3/8" to 112m; BQ to T.D.	BACKGROUND COUNTS 45-55
CASING BQ rods to T.D.; NQ rods to 115m	DETECTOR SIZE 1" x 3"
T.D. 129.6m	DIGITAL READ OUT ✓
SURFACE ELEVATION	ELECTRIC
BOREHOLE MEDIUM Water	FIRST READING
FLUID LEVEL	RESIST. SCALE (V/DIV.)
DRILLER	S.P. SCALE (MV/DIV.)
INTERPRETATION DATA	PROBE SIZE 1 1/2"
PROBE NO. 0.	RES. TYPE SINGLE POINT
CALIBRATION STANDARD	RIG TYPE
'K' FACTOR	
DEAD TIME 7µsecs	
OPERATOR M.H.	
REMARKS	



GEOEX

PTY LTD

LOGGING DATA

CR83187B

DATE 16-6-79

Y173R-PVC

LOCATION		GAMMA RAY	
STATE	N.T.	FIRST READING	1130m
REGION	Yungama	RANGE	20 cps
PROJECT		TIME CONSTANT	3 secs
HOLE DATA		LOGGING SPEED	6 m/min
HOLE NO	Y173R-PVC	PAPER SCALE	100/1
HOLE SIZE	5 7/8"	BACKGROUND COUNTS	80-100
CASING	PVC	DETECTOR SIZE	4" x 3"
T.D.	113.8m	DIGITAL READ OUT	✓
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM	Water	FIRST READING	
FLUID LEVEL	~6m	RESIST. SCALE (Ω/DIV.)	
DRILLER		S.P. SCALE (MV/DIV.)	
INTERPRETATION DATA		PROBE SIZE	1 1/2"
PROBE NO	L1	RES. TYPE	SINGLE POINT
CALIBRATION STANDARD		RIG TIME	
K FACTOR			
DEAD TIME	7μsecs		
OPERATOR	M.H.		
REMARKS			

GAMMA RAY

S P

RESISTIVITY

Gamma Scale

300 cps

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GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

PART NO. 15-1652-11

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GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

PART NO. 15-1652-11

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VC. FORT WORTH, TEXAS

Gamma Scale (calibration)

100 cps

Zero

GEOEX

CR 83187B

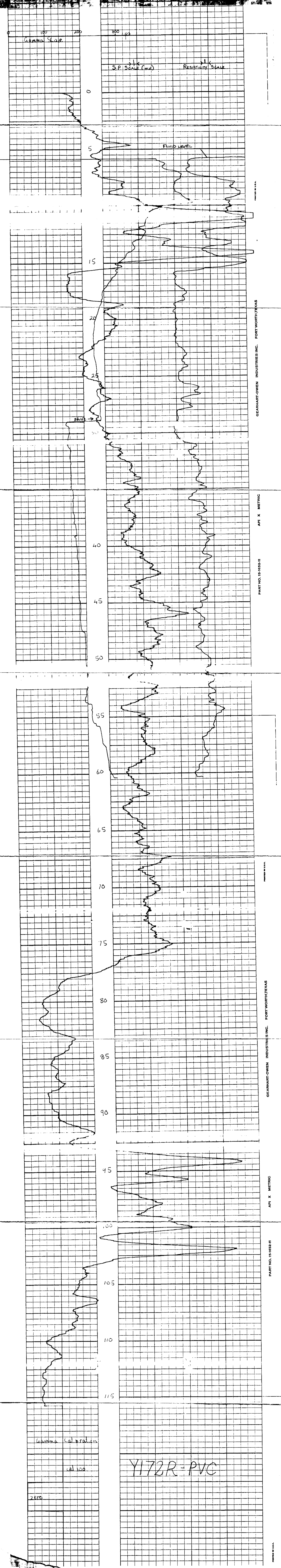
PTY. LTD.

LOGGING DATA

Y172R-PVC

DATE 15-6-79

LOCATION		GAMMA RAY	
STATE N.T.		FIRST READING 116.0m	
REGION Yungarra		RANGE 20 cps	
PROJECT		TIME CONSTANT 3 secs	
HOLE DATA		LOGGING SPEED 6 m/min	
HOLE NO Y172R-PVC		PAPER SCALE 100:1	
HOLE SIZE 5 3/8		BACKGROUND COUNTS 40-60	
CASING PVC		DETECTOR SIZE 4" x 3"	
T.D. 117.6m		DIGITAL READ OUT	
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM Water - mud		FIRST READING	
FLUID LEVEL -		RESIST. SCALE (V/DIV.)	
DRILLER		S.P. SCALE (MY/DIV.)	
INTERPRETATION DATA		PROBE SIZE 1 1/2	
PROBE NO L		RES. TYPE SINGLE POINT	
CALIBRATION STANDARD		RIG TIME	
K' FACTOR			
DEAD TIME 1/4265			
OPERATOR M.H.			
REMARKS			



Y171R

LOGGING DATA

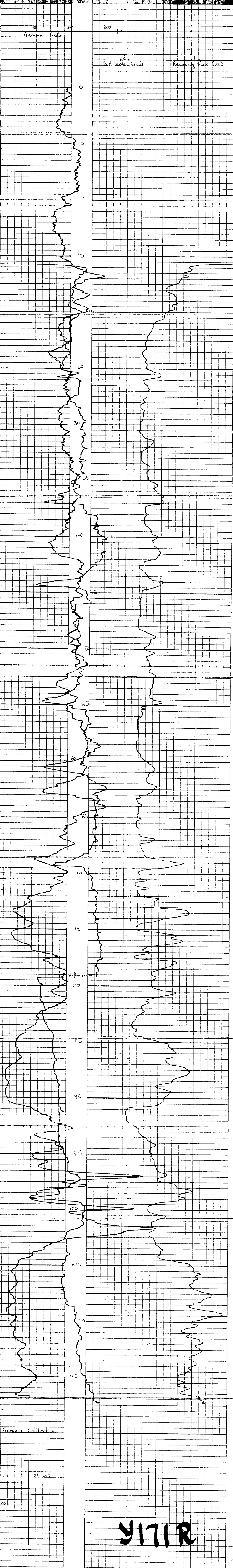
DATE 13.6.79

LOCATION		GAMMA RAY	
STATE	N.T.	FIRST READING	117.0m
REGION	Yungaberrra	RANGE	20 cps
PROJECT		TIME CONSTANT	3 secs
HOLE DATA		LOGGING SPEED	6 m/min
HOLE NO	Y171R	PAPER SCALE	100:1
HOLE SIZE	5 7/8"	BACKGROUND COUNTS	80-90
CASING	-	DETECTOR SIZE	4" x 3 1/2"
T.D.	15.7m	DIGITAL READ OUT	-
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM	Water + mud	FIRST READING	117.5m
FLUID LEVEL	15.7m	RESIST. SCALE (V/DIV.)	1
DRILLER		S.P. SCALE (MV/DIV.)	2
INTERPRETATION DATA		PROBE SIZE	1 1/2"
PROBE NO	L	RES. TYPE	SINGLE POINT
CALIBRATION STANDARD		RIG TIME	
'K' FACTOR			
DEAD TIME	7 usecs		
OPERATOR	M.H.		
REMARKS			

GAMMA RAY

S.P.

RESISTIVITY



Y171R

API

PART NO. 15-1652-11

PRINTED IN U.S.A.

GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

METRIC

API

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METRIC

API

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METRIC

API

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METRIC

API

PART NO. 15-1652-11

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Y163RD-BQ-NO

LOGGING DATA

DATE 26-5-79

LOCATION		GAMMA RAY	
STATE N.T.		FIRST READING 152.0m	
REGION Yungarra		RANGE 10 cpm	
PROJECT		TIME CONSTANT 3 sec	
HOLE NO. Y163RD-BQ-NQ-PVC		LOGGING SPEED 6 m/min	
HOLE SIZE 5 3/8" to 1 1/2", BQ to T.D.		PAPER SCALE 100:1	
CASING BQ rods and NQ Rods (40m)		BACKGROUND COUNTS 20-30	
T.D. 153.0m		DETECTOR SIZE 1" x 3"	
SURFACE ELEVATION		DIGITAL READ OUT	
BOREHOLE MEDIUM Water		ELECTRIC	
FLUID LEVEL		FIRST READING	
DRILLER		RESIST. SCALE (r/DIV.)	
INTERPRETATION DATA		S.P. SCALE (MY/DIV.)	
PROBE NO. 0		PROBE SIZE 1 1/2	
CALIBRATION STANDARD		RES. TYPE SINGLE POINT	
K FACTOR		RIG TIME	
DEAD TIME 74 sec			
OPERATOR M.H.			
REMARKS			

GAMMA RAY

S.P.

RESISTIVITY

Gamma Scale

0 50 100 cps

0

5

10

15

20

25

30

35

40

45

50

55

60

65

70

75

80

85

90

95

100

105

110

115

120

125

130

135

140

145

150

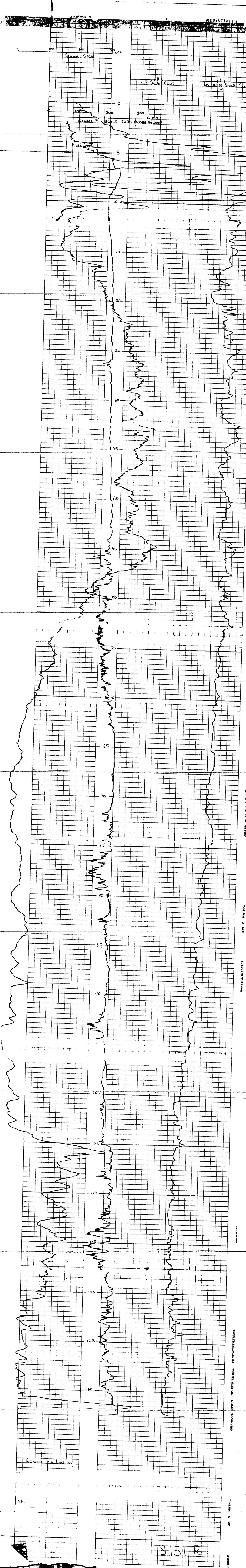
Gamma Calibration

cal 100

zero

Y163RD-BQ-NQ-PVC

LOCATION		GAMMA RAY	
STATE	N.T.	FIRST READING	132.0m
REGION	Yungarra	RANGE	20 upd
PROJECT		TIME CONSTANT	3 secs
HOLE DATA		LOGGING SPEED	6 m/min
HOLE N°	Y151R	PAPER SCALE	100 l
HOLE SIZE	5 7/8"	BACKGROUND COUNTS	360-380
CASING	Poly	DETECTOR SIZE	4" x 1 1/2"
T.D.	133.5m	DIGITAL READ OUT	✓
SURFACE ELEVATION		ELECTRIC	
BOREHOLE MEDIUM	Water + mud	FIRST READING	132.5 m
FLUID LEVEL	5.1m	RESIST. SCALE (R/DIV.)	1
DRILLER		S.P. SCALE (MY/DIV.)	5
INTERPRETATION DATA		PROBE SIZE	1 1/2"
PROBE N°	1	RES. TYPE	SINGLE POINT
CALIBRATION STANDARD		RIG TIME	
K' FACTOR			
DEAD TIME	0.0005		
OPERATOR	M.H.		
REMARKS			



CR83/57B



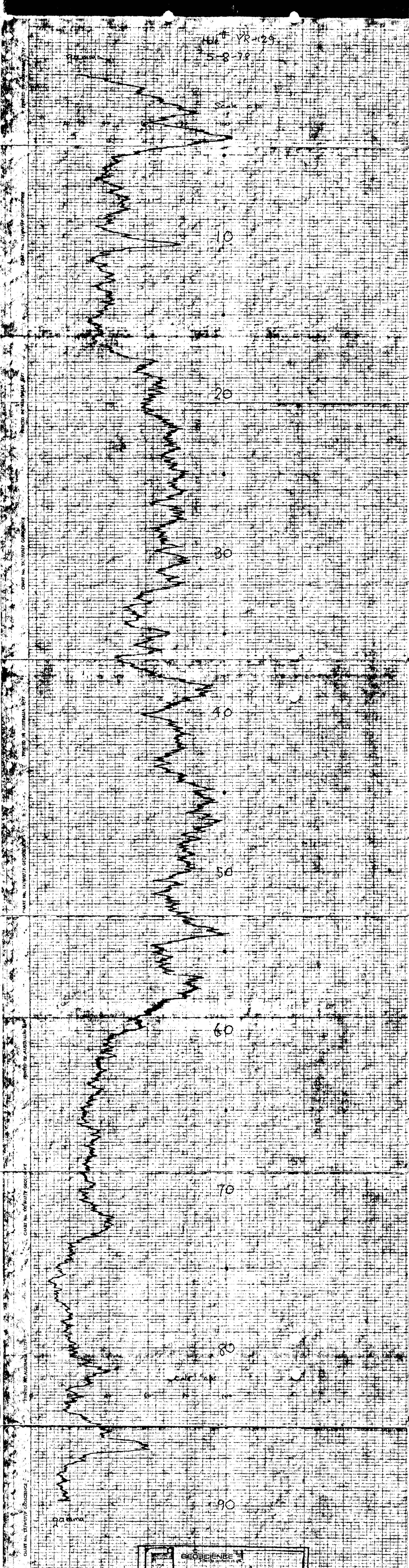
GEOSCIENCE
ASSOCIATES AUSTRALIA PTY LTD
24 Gray Street,
Kilkeny, S.A. 5009
Phone 268 2888

HOLE # YR-129

LOGGING DATA

DATE 5-8-78

LOCATION		HOLE NUMBER YR-129	CLIENT AGIP
State NORTHERN TERRITORY		Collar elev.	Claim
Area YUNGARRA		Depth drilled 90.5m	Owned by
Project		CASING DATA	Operated by
Prospect		Well size in. Dia 5 1/2" from 0 to T.D.	Unit Operator BLICHFELDT
Lat 0 Long 0		Dia (inside) 4" P.V.C. Dia from to	Unit No. AL-6 Office ADE
GAMMA RAY		Cased from 0 to 7.1m Dia from to	ELECTRIC
Logged depth 89.7		Cased hole ☒	1 2 3
Range (if off scale) cps 200		Sat. past interval 2m fresh mud	Logged depth
Time per foot 2		INTERPRETATION DATA	Resistivity
Paper speed cm/min 1		Print 1000000	S.P. scale
Logging speed m/min 9			Paper speed
			Logging speed
Probe No. 306			Probe
Size (dia) 2			Bias
Type 4" x 1/2"			
Standard 1690			
Dead time 6			
Amp. Gain 680			
Rate meter No. 905			
Bore hole medium			
Mud density			
Digital readout			
Time base			



GEOSCIENCE	
LOGGING DATA	
GAMMA RAY	RESISTIVITY
RANGE 200 cps	ATTEN.
T.C. 2.8	LOG SPEED
CAL. 680	BIAS
LOG SPEED 1000	SEN.
PROB. No. 306	LOG SPEED
K-FACTOR 427187	UNIT No. AL-6
HOLE No. YR-129	DATE 5-8-78 TO 5-8-78

YR 129