Larkins 23-33

Welex

5"=100'

COMPENSATED DENSITY LOG
NEUTRON

COMPANY AMERICAN QUASAR PETROLEUM COMPANY
WELL LARKINS NO. 23-33
FIELD MIST NEHALEM
County COLUMBIA State ORE.

COMPANY AMERICAN QUASAR PETROLEUM COMPANY
WELL LARKINS NO. 23-33
FIELD MIST NEHALEM
COUNTY COLUMBIA STATE OREGON
Location N/A
Sec. 23 Twp. 6N Rge. 5W
Other Services: DIG C/AVL DIP

RECEIVED-PTLD
SEP 30 1980
DEPT OF GEOLOGY & MINERAL INDUS

Permanent Datum G.L. Elev. 697.0
Log Measured From K.B. OR 10.5 Ft. Above Perm. Datum
Drilling Measured From K.B.
Elev.: K.B. 707.5
D.F.
G.L. 697.0

RECEIVED-PTLD
SEP 25 1980
DEPT OF GEOLOGY & MINERAL INDUS

Date	8-31-80			
Run No.	ONE			
Depth—Driller	2940			
Depth—Welex	2918			
Btm. Log Inter.	2400			
Top Log Inter.	518			
Casing—Driller	7 @ 518	@	@	@
Casing—Welex	518			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNO-SULF MUD			
Dens. I Visc.	9.6 I 38	I	I	I
pH I Fluid Loss	10.5 I 8.8ml	I ml	I ml	I ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	1.9 @ 68°F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.0 @ 70°F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	1.25 @ 70°F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	I	I	I
R_m @ BHT	1.24 @ 104°F	@ °F	@ °F	@ °F
Time Since Circ.	4 HOURS			
Max. Rec. Temp.	104°F @ T.D.	°F @	°F @	°F @
Equip. I Location	2876 I WDLND	I	I	I
Recorded By	BOGDEN			
Witnessed By	BRUER			

Fold Here

EQUIPMENT DATA

GAMMA RAY				GAMMA DENSITY			
Run No.	ONE			Run No.	ONE		
Tool Model No.	102-A			Log Type	C/DEN		
Diameter	3 5/8			Tool Model No.	125		
Detector Model No.	102-A			Diameter	3 5/8		
Type	SCINT.			Detector Model No.	127		
Length	N/A			Type	SCINT.		
Distance to Source	240			Length	N/A		
				Source Model No.	DCS		
GENERAL				Serial No.	DCS 114		
Hoist Truck No.	2876			Spacing	N/A		
Instrument Truck No.	2876			Type	Cs 137		
Tool Serial No.				Strength	500mc		

LOGGING DATA

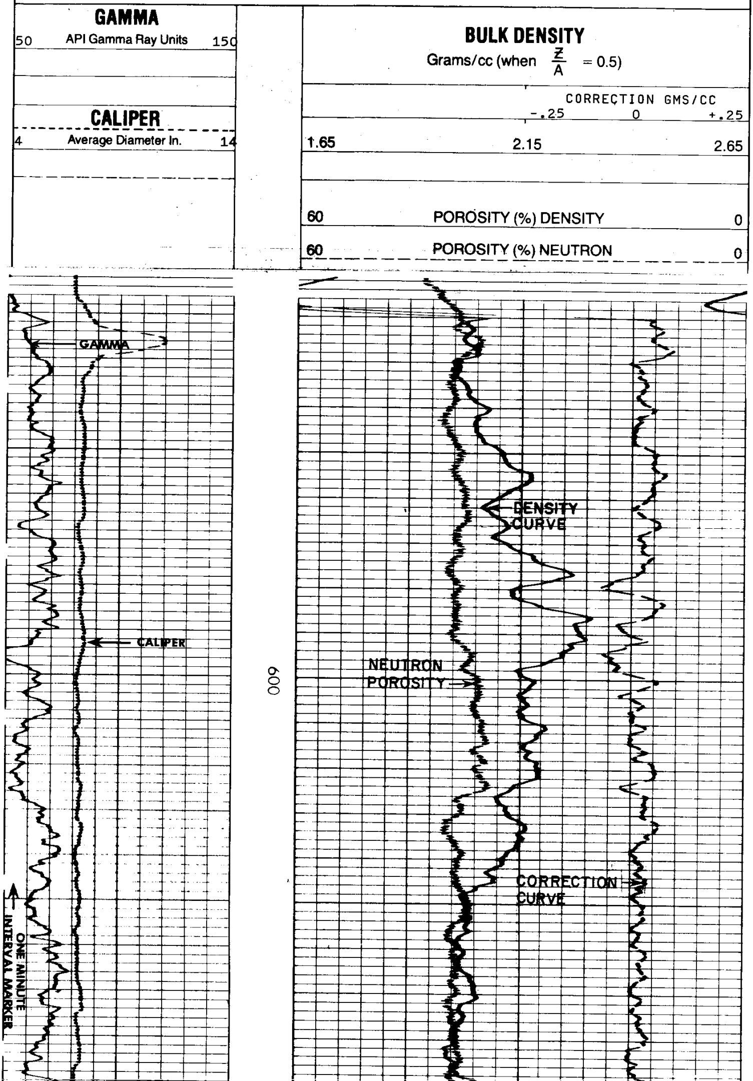
GENERAL				GAMMA RAY				GAMMA DENSITY			
Run No	Depths From	Depths To	Speed Ft/Min.	T.C., Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units per Log Div.	T.C. Sec.	Sens. Settings	Zero Div. L or R	Units per Log Div.
ONE	--------	--------	30	1	50--150	-------	10	1	1.65 - 2.65	-------	0.05

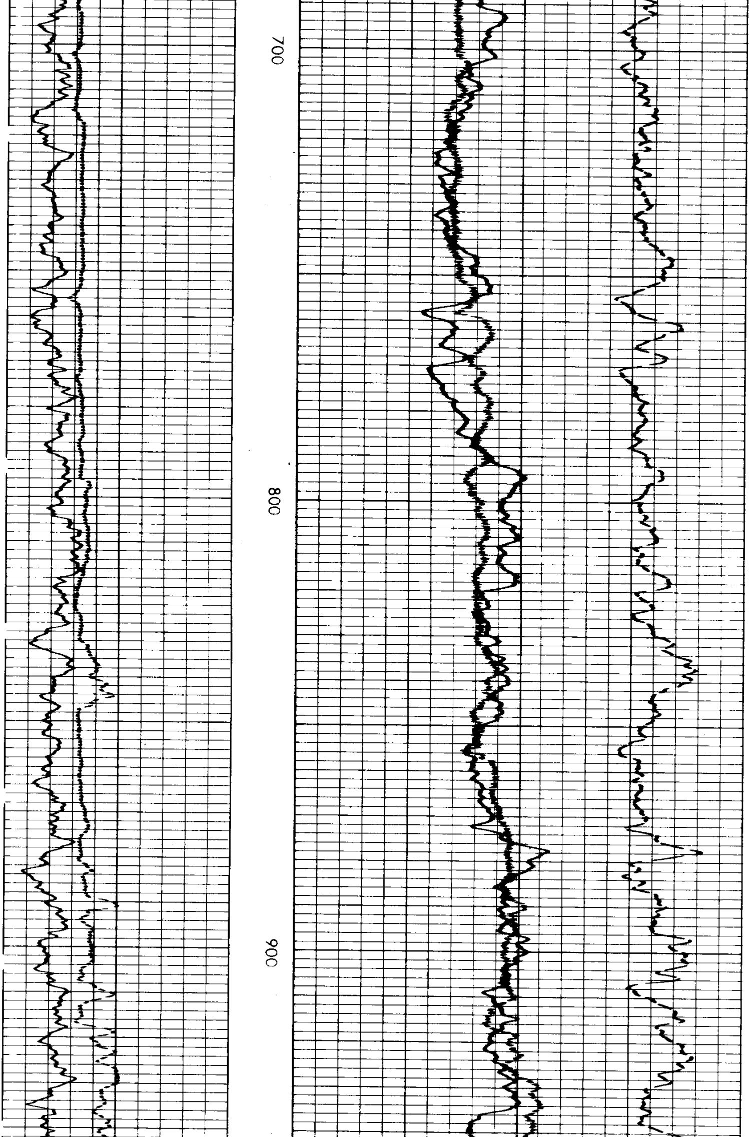
Reference Literature:
PAD NO. 24299
INSTRUMENT NO. 19950
NEUTRON NO. 21009

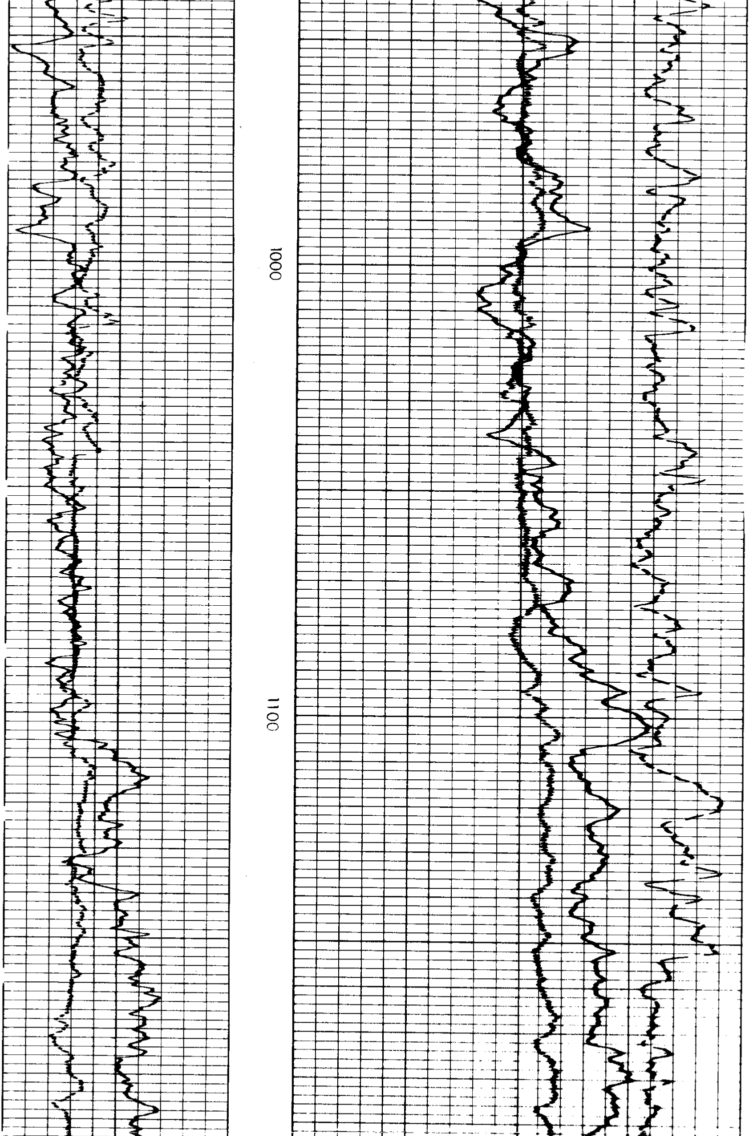
Service Ticket No. 055213 Remarks:

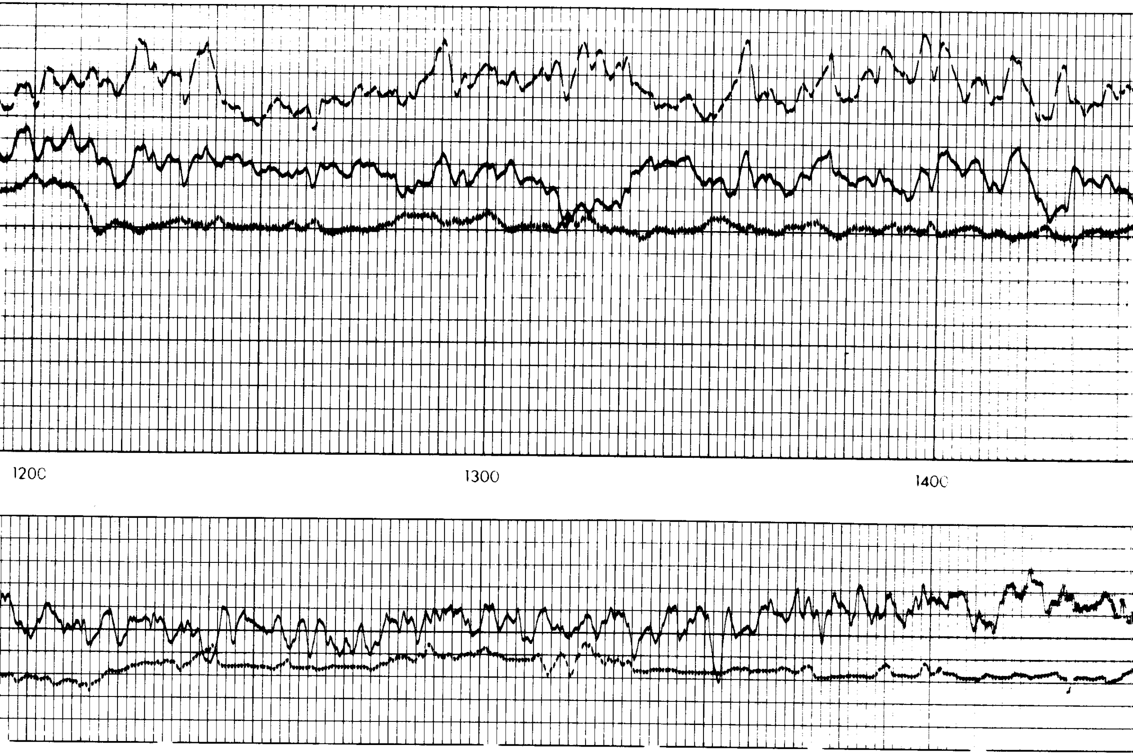
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages or expenses resulting from the use thereof.

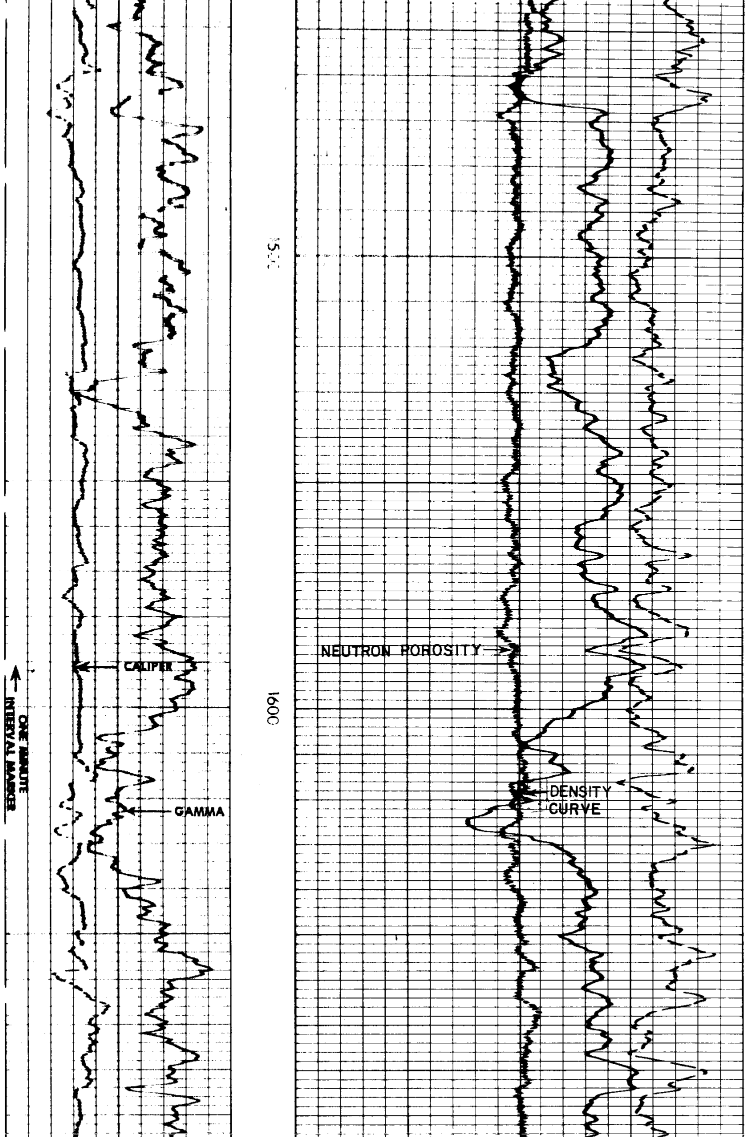
5"= 100'

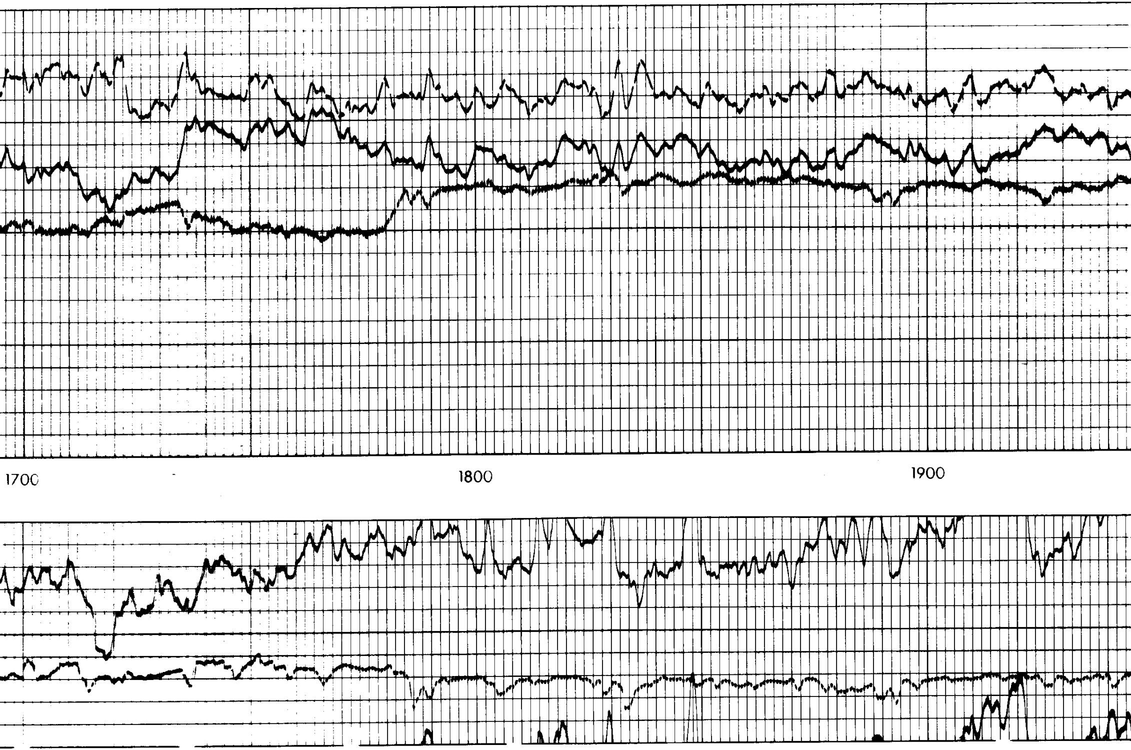


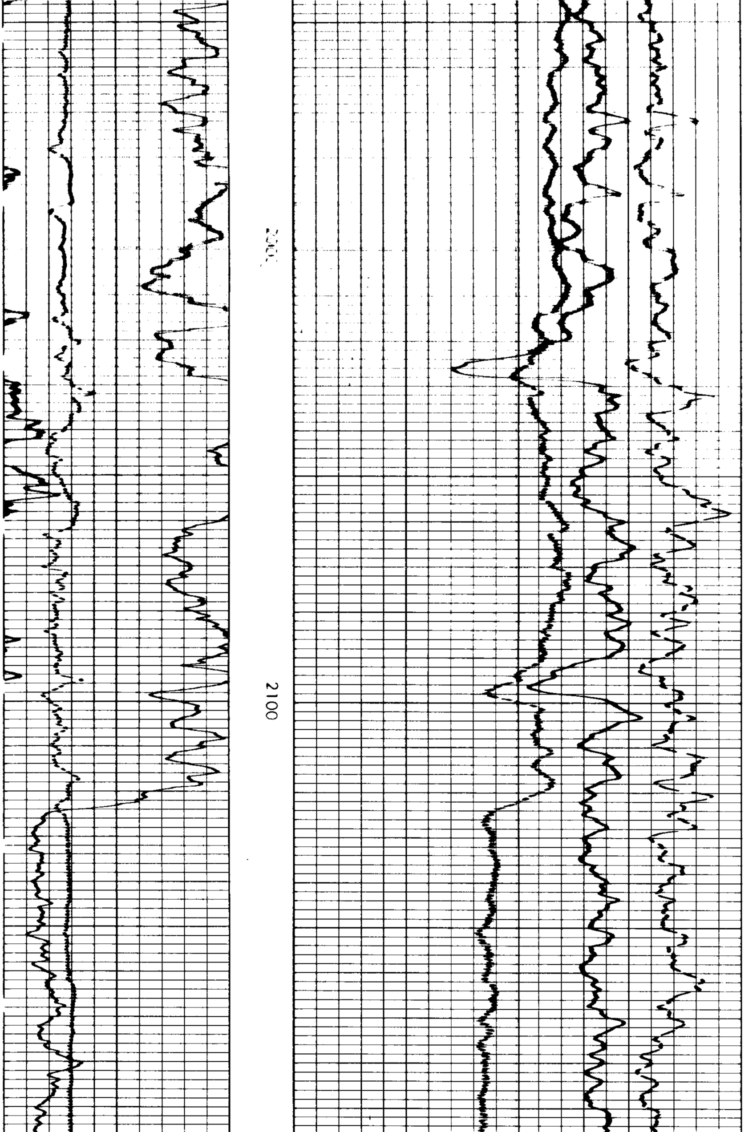


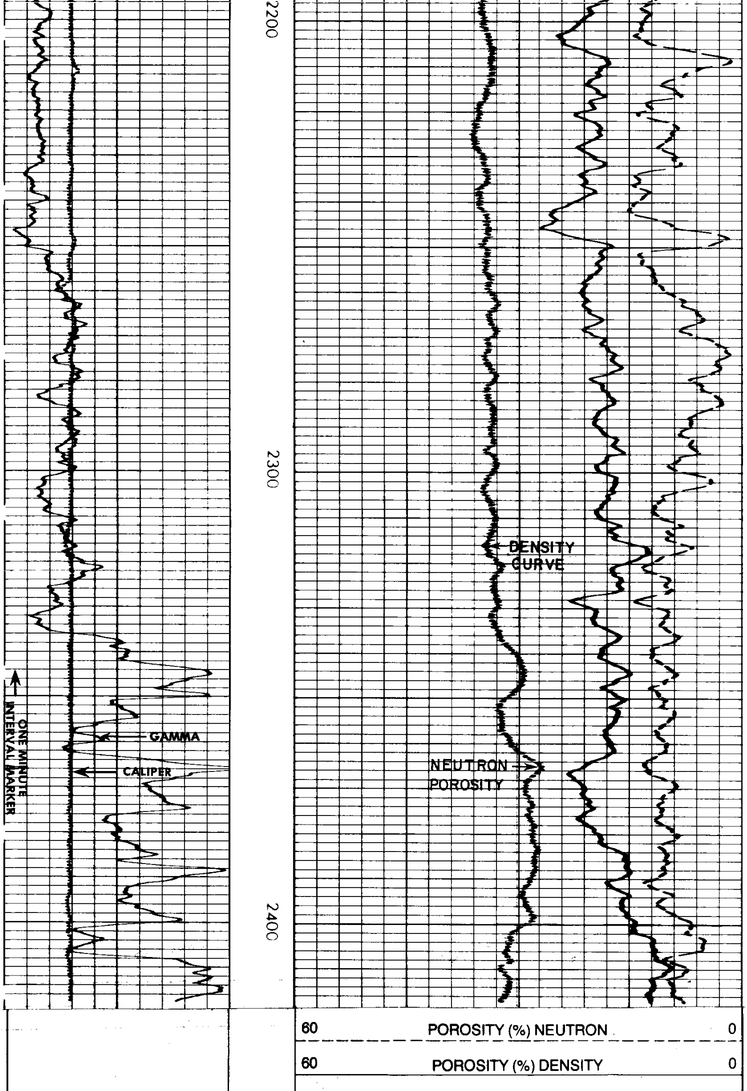












CALIPER

Average Diameter In.

4 14

GAMMA

API Gamma Ray Units

50 150

1.65 2.15 2.65

-.25 0 +.25

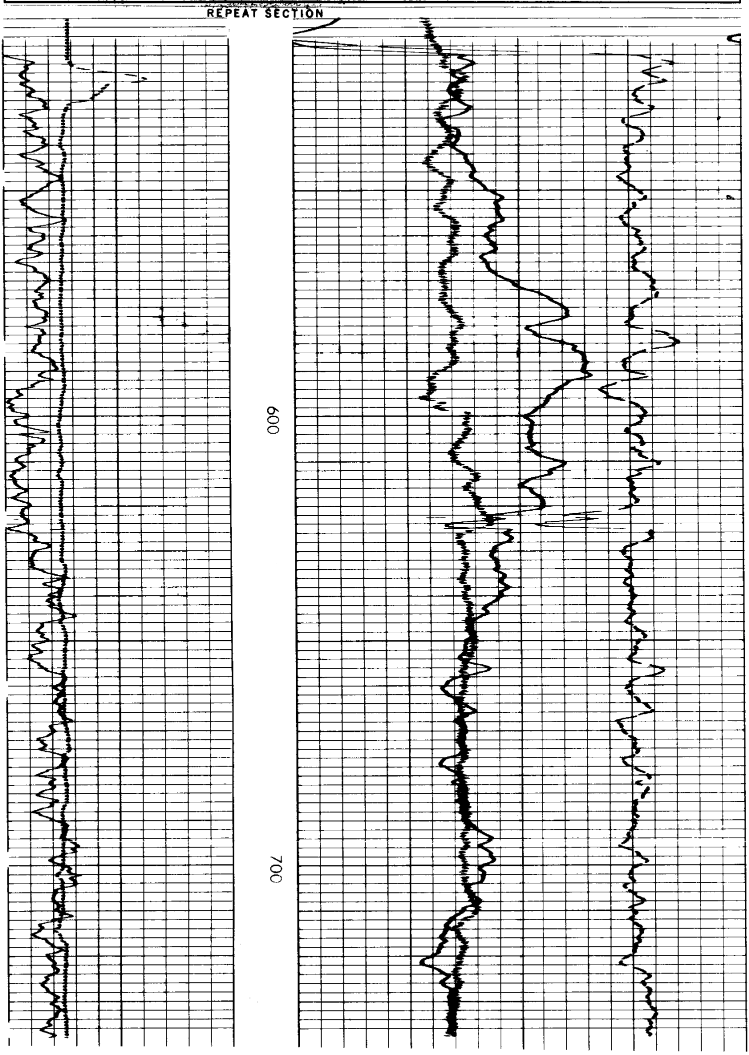
CORRECTION GMS/CC

BULK DENSITY

Grams/cc (when $\frac{Z}{A}$ = 0.5)

AMERICAN QUASAR PETROLEUM COMPANY
LARKINS NO. 23-33
MIST NEHALEM
COLUMBIA COUNTY, OREGON

T.D. LOGGED	2400
T.D. DRILLER	2918
T.D. WELEX	2918

ELEV: KB 707.5 GL 697.0