Welex

COMPENSATED DENSITY LOG
NEUTRON

COMPANY
WELL
FIELD
County State

COMPANY AMERICAN QUASAR PETROLEUM CO.
WELL HICKEY 9-12
FIELD LEBANON API # 36-043-00013
COUNTY LINN STATE OREGON

Location 1980' S & 990' E OF THE N.W. CORNER
Sec. 9 Twp 12 S Rge 2 W

Other Services:
AVL
DIGL
DIP

Permanent Datum GL Elev. 329.6
Log Measured From T.K.B. 10.5 Ft. Above Perm. Datum
Drilling Measured From T.K.B.

Elev.: K.B. 340.5'
D.F.
G.L. 329.0'

Date	1-28-81			
Run No.	TWO			
Depth—Driller	2162			
Depth—Welex	2161			
Btm. Log Inter.	2120			
Top Log Inter.	522			
Casing—Driller	9 5/8 @ 521	@	@	@
Casing—Welex	522			
Bit Size	8 3/4			
Type Fluid in Hole	LIGNO-SULF MUD			
Dens. | Visc.	90 | 70	|	|	|
pH | Fluid Loss	9.5 | 15.8 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	3.46 @ 46 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	4.58 @ 58 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.22 @ 57 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|	|
R_m @ BHT	1.44 @ 110 °F	@ °F	@ °F	@ °F
Time Since Circ.	4 HRS			
Max. Rec. Temp.	110 °F @ T.D.	°F @	°F @	°F @
Equip. | Location	858C | [illegible]	|	|	|
Recorded By	ANDERSON			
Witnessed By	MR MANN			

Fold Here

EQUIPMENT DATA

GAMMA RAY

Run No.			
Tool Model No.	102-A		
Diameter	3 5/8"		
Detector Model No.	102-A		
Type	SCINT.		
Length	N/A		
Distance to Source	240"		

GENERAL

Hoist Truck No.	858C		
Instrument Truck No.	858C		
Tool Serial No.			

GAMMA DENSITY

Run No.			
Log Type	COMP. DENS.		
Tool Model No.	125		
Diameter	3 5/8"		
Detector Model No.	127		
Type	SCINT.		
Length	N/A		
Source Model No.	DCS		
Serial No.	DCS-		
Spacing	N/A		
Type	Cs 137		
Strength	500 mc		

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.

Reference Literature:

RIG TIME:

PAD 24299
LNS 27029
NEU 16161

Calibrator No.
Calibrator Value.
Date calibrated.

Service Ticket No.	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.

—100'

CALIPER
Average Diameter In.
6" 16"

GAMMA
API Gamma Ray Units
0 100

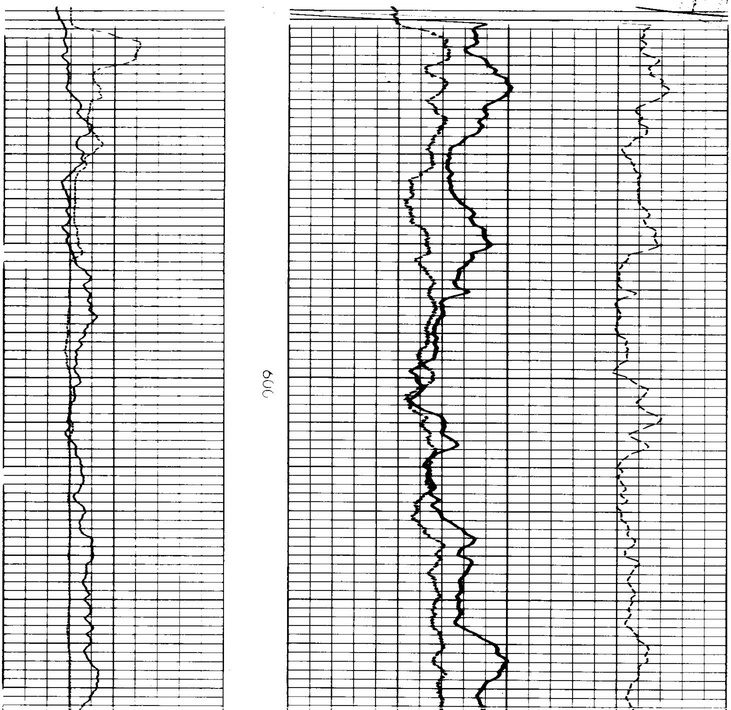
COMPENSATED GAMMA DENSITY
GMS/CC

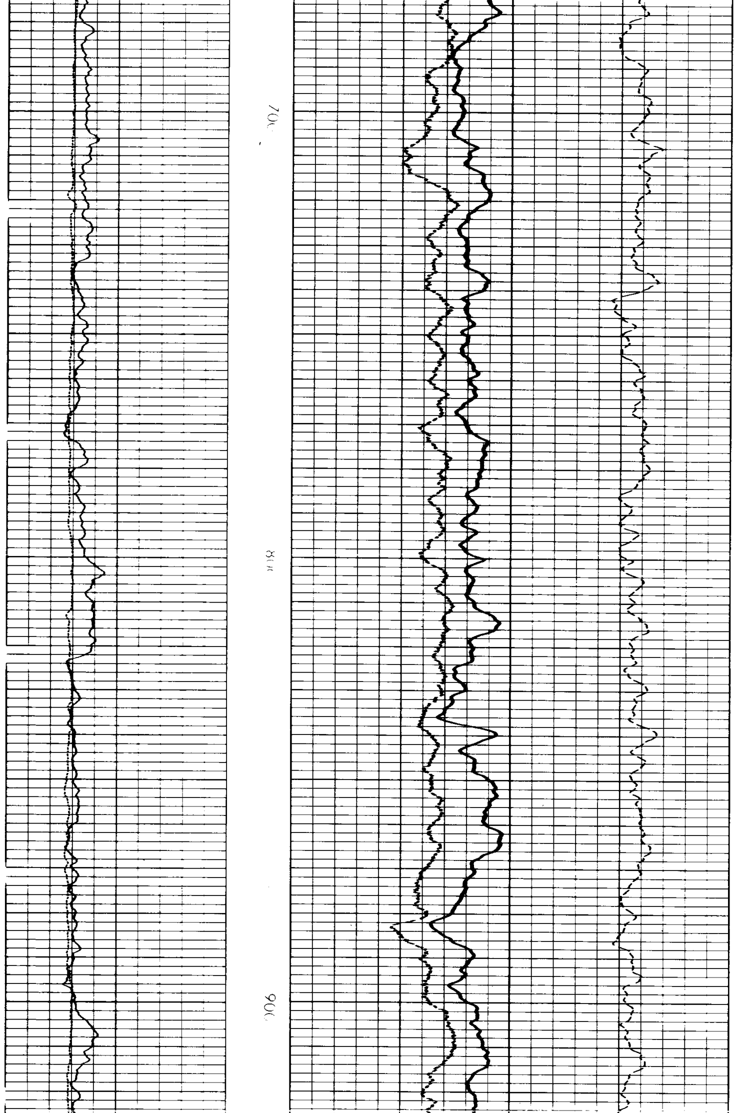
Pf = 1.0

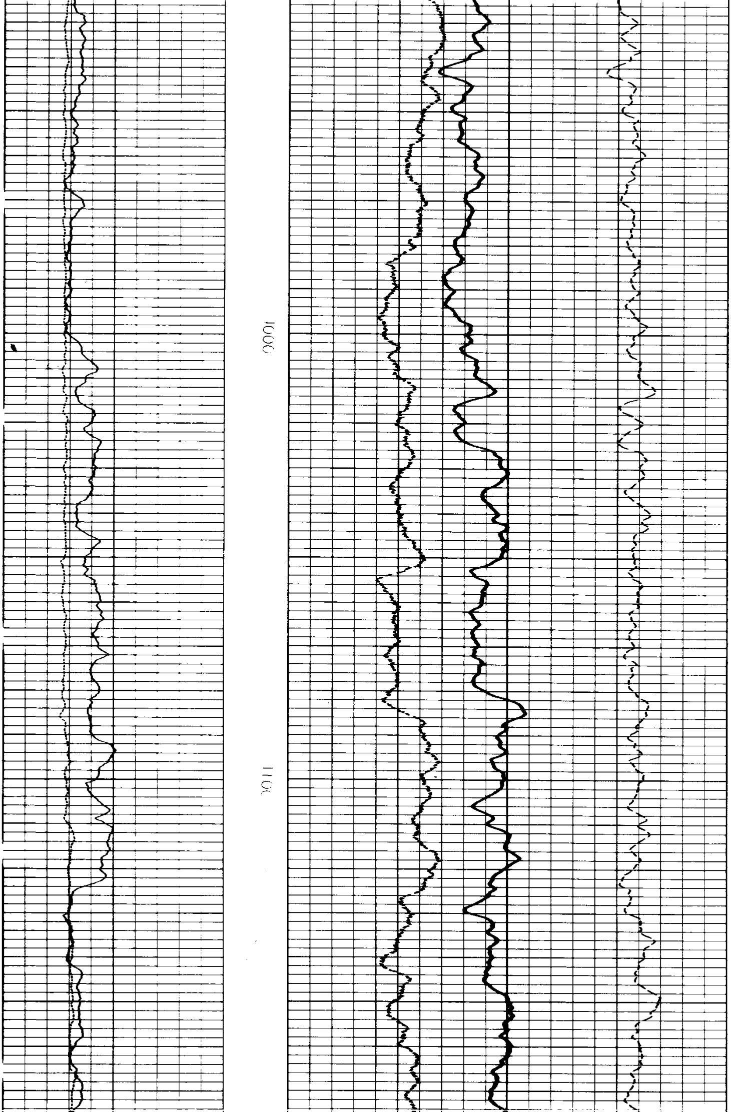
POROSITY AT Pg 2.65 G/CC

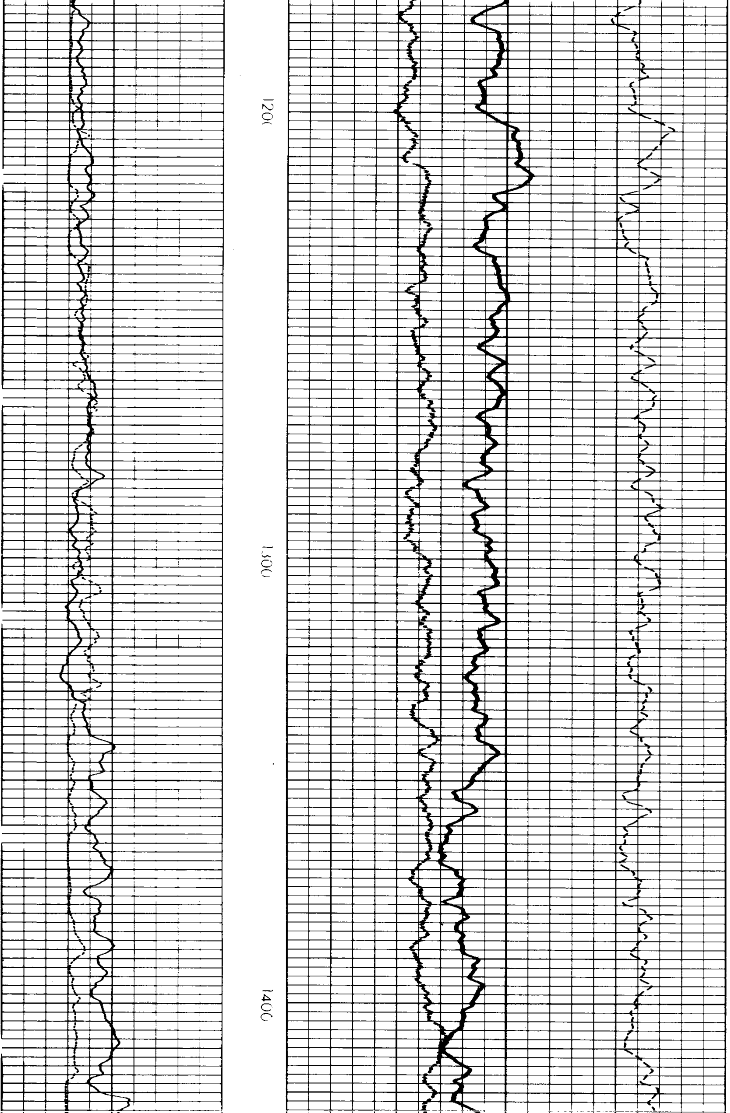
CORRECTION
GMS/CC
-.25 0 +.25

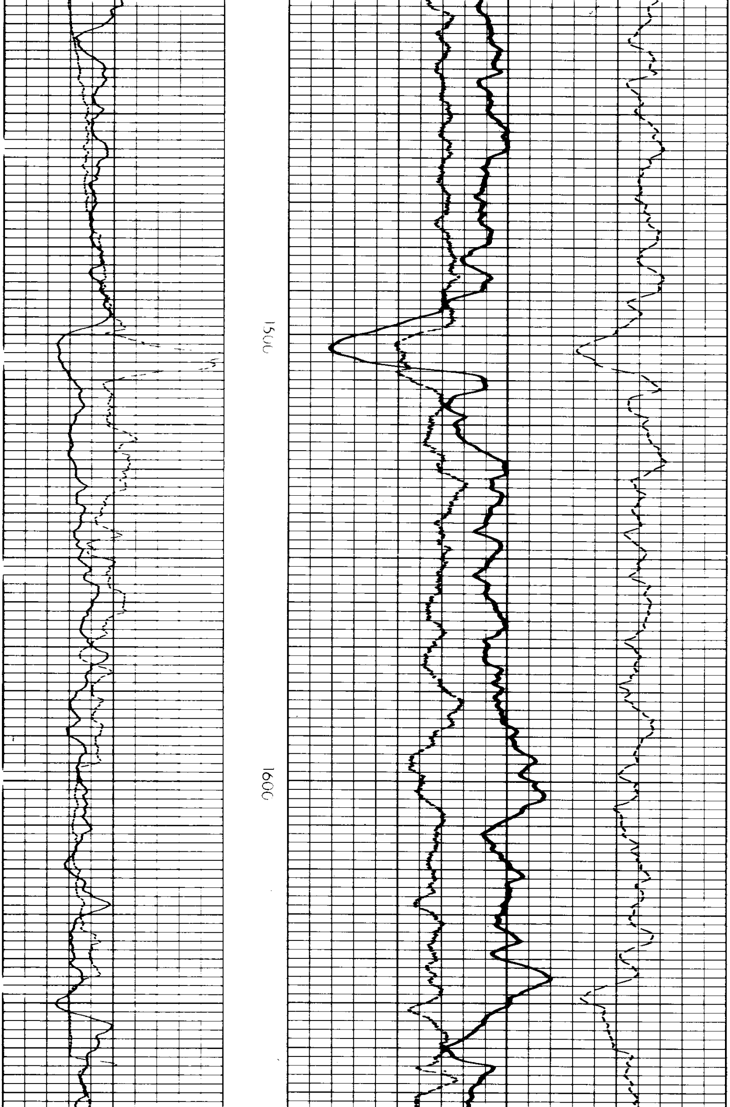
45% -15%
DENSITY POROSITY %
45% -15%
NEUTRON POROSITY % (Sandstone)

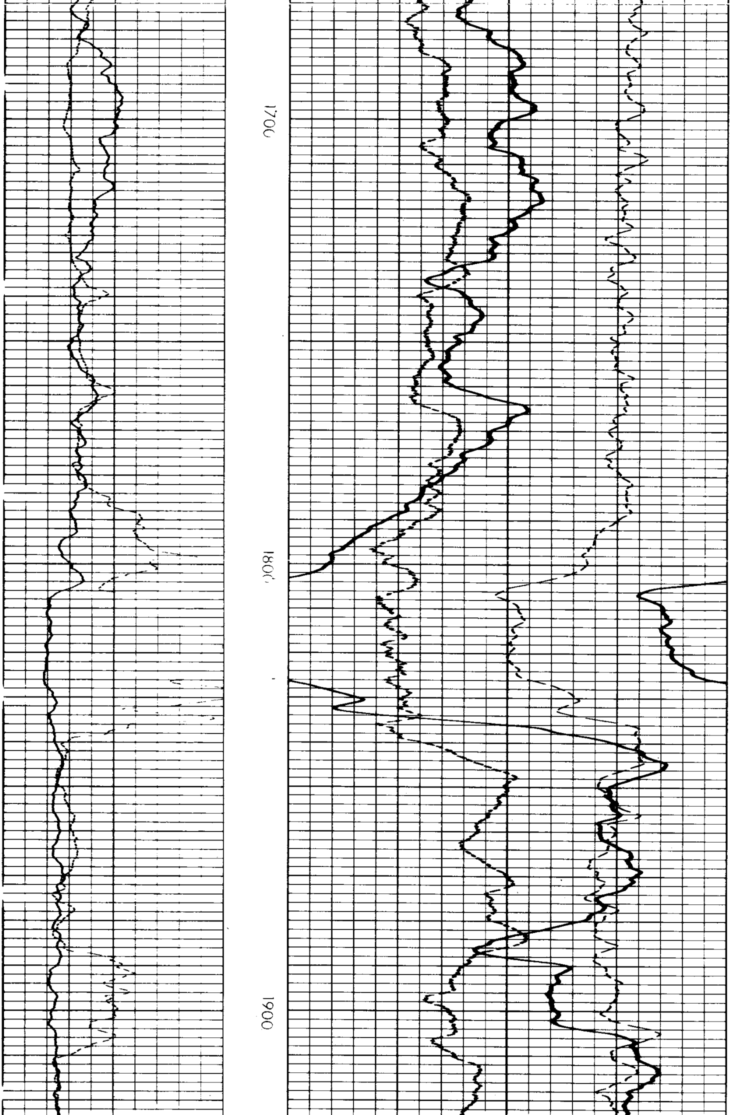


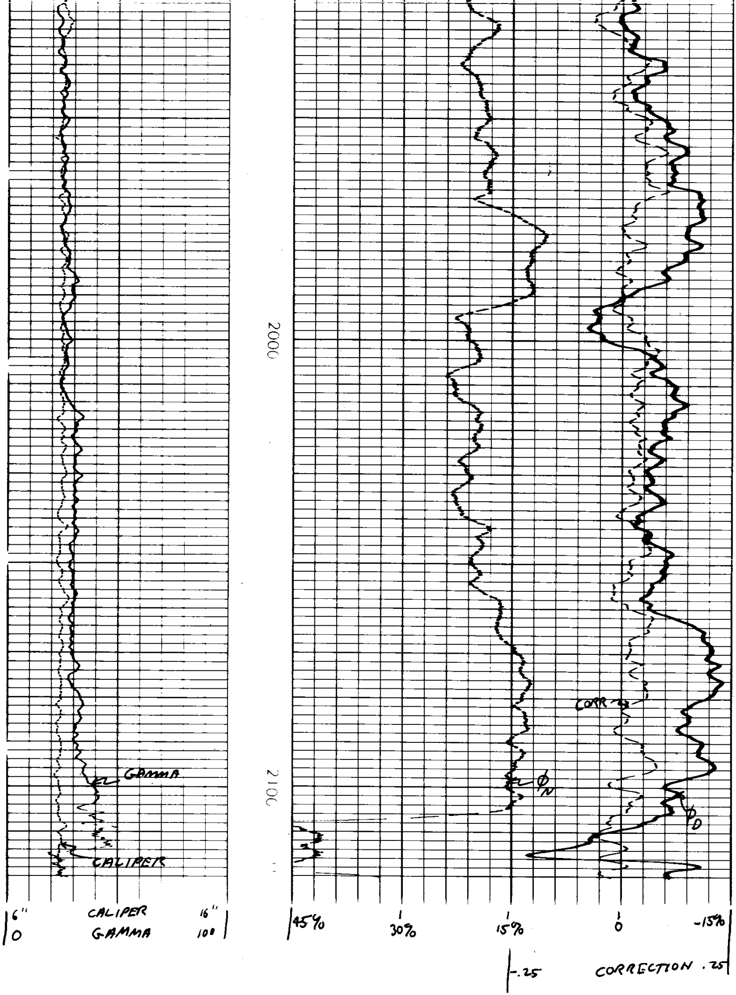


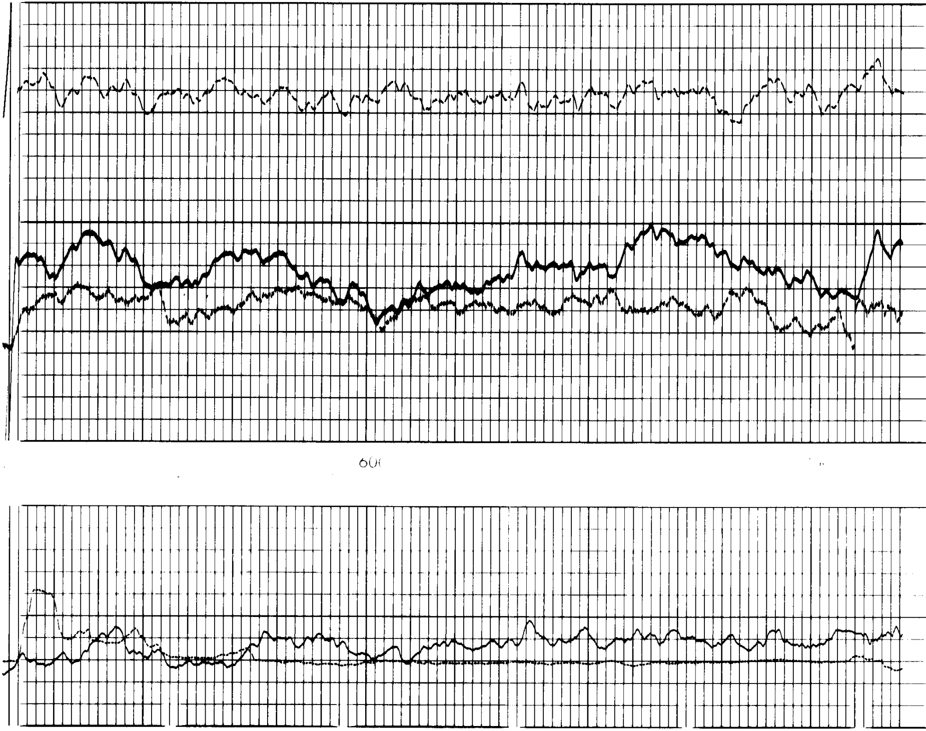










REPEAT SECTION