

Larkins 23-33



**COMPENSATED DENSITY LOG NEUTRON**

COMPANY AMERICAN QUASAR PETROLEUM COMPANY  
 WELL LARKINS NO. 23-33  
 FIELD MIST NEHALEM  
 COUNTY COLUMBIA STATE OREGON  
 LOCATION N/A  
 RECEIVED PTLD SEP 30 1980  
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 Other Services: DIG C/AVL DIP  
 Sec. 23 Twp. 6N Range 7E SW  
 Elev. KB 707.5 GL 697.0  
 G.L. - DR 10.5 Ft. Above Perm. Datum  
 Perm. Datum K.B.  
 Log Measured From K.B.  
 Drilling Measured From K.B.  
 Date 8-31-80  
 Run No. 0NE  
 Depth - Driller 2940  
 Depth - Welex 2940  
 Btm. Log Inter. 2400  
 Top Log Inter. 518  
 Casing - Driller 7 @ 518  
 Casing - Welex 7 @ 518  
 Bit Size 6 1/4  
 Type Fluid in Hole MUD  
 Mud - SUF  
 Mud - LIGD  
 Dens. Loss 9.6 @ 1.38 ml  
 BH I Fluid Loss 10.5 @ 1.8 ml  
 Source of Sample CIRCULATED  
 R @ Meas. Temp. 1.9 @ 48 F  
 F @ Meas. Temp. 2.0 @ 48 F  
 R @ Meas. Temp. 2.0 @ 70 F  
 F @ Meas. Temp. 1.23 @ 70 F  
 Source of Perm. MEASURED  
 R @ BHI 1.24 @ 104 F  
 F @ BHI 1.24 @ 104 F  
 Time Since Circ. 4 HOURS  
 Max. Rec. Temp. 104 F @ T.D.  
 Equip. Location 2876 1 WDI ND  
 Recorded By BOB BEN  
 Witnessed By BRUER

**EQUIPMENT DATA**

GAMMA RAY		GAMMA DENSITY	
Run No.	0NE	Run No.	0NE
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
		Serial No.	DCS 114
		Spacing	N/A
		Type	Cs 137
		Strength	500mc

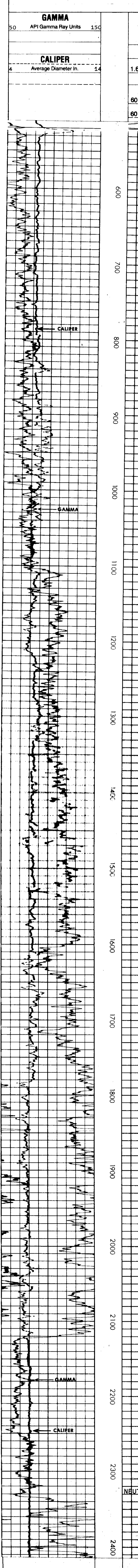
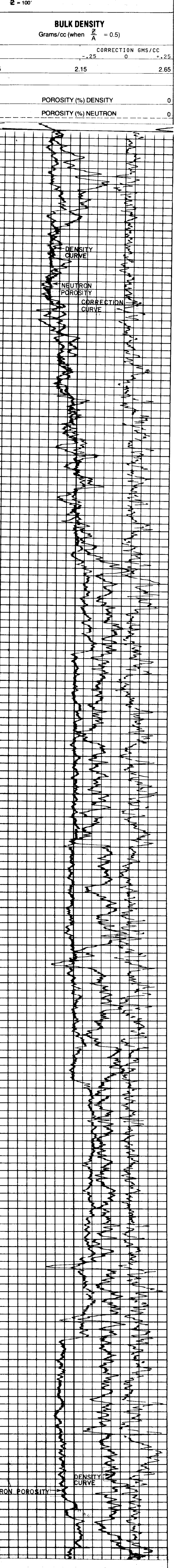
**LOGGING DATA**

Run No.	GENERAL		GAMMA RAY		GAMMA DENSITY		Units per Log Div.
	From	To	Sens. Settings	Zero Div. L or R	Sens. Settings	Zero Div. L or R	
0NE			50--150		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 willful misconduct, for any loss, damages, or expenses resulting from the use thereof.



60	POROSITY (%) NEUTRON	0
60	POROSITY (%) DENSITY	0
1.65	2.15	2.65
	- .25	0
		+ .25
CORRECTION GMS/CC		
BULK DENSITY Grams/cc (when $\frac{Z}{A} = 0.5$ )		

4	CALIPER Average Diameter In.	14
50	GAMMA API Gamma Ray Units	150

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

