

ACOUSTIC CEMENT BOND - GAMMA RAY LOG

COMPANY UNION TEXAS PETROLEUM CORPORATION  
 WELL JONES #3  
 FIELD RUSH WILLADEL  
 County WASHINGTON  
 State COLORADO  
 File

COMPANY UNION TEXAS PETROLEUM CORPORATION  
 WELL JONES #3  
 FIELD RUSH WILLADEL  
 COUNTY WASHINGTON STATE COLORADO  
 Location G NE SW  
 Sec. 26 Twp. 38 R. 25-71  
 Elevation KB. 4624  
 DF. 4618  
 GL. 4618

Permanent Datum C.L.  
 Log Measured From K.B. OR 6' A.G.L.  
 Drilling Measured From K.B.

Type Log G/R ONE  
 Run No. ONE  
 Date 8-25-71  
 Total Depth Driller 4132  
 Present Depth Driller 4132  
 Total Depth O.W.P. 4132  
 Survey Begins 3900  
 Survey Ends 4128  
 Mud Date

Type Fluid in Hole WATER  
 Salinity PPM Cl WATER  
 Weight lb./gal. 2150  
 Fluid Level 2150  
 % Temp.

BONE HOLE RECORD		CASING RECORD	
By	Date	By	Date
KRESIA		KRESIA	
M.R.A.		T. FRY	

Truck No. \_\_\_\_\_  
 Inst. Truck No. 508  
 Tool Model No. GAMMA RAY  
 Detector Model No. Dia. 1 11/16"  
 Type G.M.C.  
 Distance To Bond Ref. Length 10"  
 Reference Literature:

LOGGING TOOL DATA

Truck No.	Inst. Truck No. <u>508</u>	Tool Serial No.	<u>CEMENT BOND</u>
Tool Model No. <u>GAMMA RAY</u>	Dia. <u>1 11/16"</u>	Log Type	<u>CEMENT BOND</u>
Detector Model No.	Length <u>10"</u>	Tool Model No.	
Type <u>G.M.C.</u>		Detector Model No.	
Distance To Bond Ref. <u>Length 10"</u>		Free Casing =	
Reference Literature:		Amplifier	API Div.
		Spacing	Serial No.
		Transmitter	
		Power	

LOGGING DATA

Depth		Speed Ft./min	T. C. Sec.	Gamma Ray Setting			T. C. Sec.	Bond Setting		
From	To			Sensitivity	Zero	Scale		Sensitivity	Zero	Scale
4132	3900	20	2	120	0	5" = 100'				

Calibration Date \_\_\_\_\_  
 CEMENTING DATA & REMARKS: ACOUSTIC CEMENT BOND LOG RUN ON FIRST NEGATIVE PULSE W/15 MICROSECOND GATE. ACOUSTIC TOOL WAS PROPERLY CENTRALIZED FOR STANDARD 5 1/2" CASING

**GAMMA RAY**  
 RADIATION INTENSITY INCREASES →

CASING & COLLAR LOG DEPTH

**CEMENT BOND**  
 ← CEMENT BONDING INCREASES



RADIATION INTENSITY INCREASES

CEMENT BONDING INCREASES

LOG

2500

CASING COLLAR

ACOUSTIC ZERO

FREE CASING

CEMENT TOP

2600

2700

