FORM 9530T (Rev. 2/81)

Dresser Atlas

DRESSER

Acoustic Cement Bond Log
VDL
Gamma Ray

123/12337

FILE NO.
API NO.

COMPANY PETRO NOEL
WELL GEIS NO. 1
FIELD EATON
COUNTY WELD STATE COLORADO
LOCATION: W½ OF SW¼
SEC 32 TWP 7N RGE 65W

Other Services
NONE

Permanent Datum G.L. Elev. 4827
Log Measured from K.B. 11 Ft. Above Permanent Datum
Drilling Measured from K.B.

Elev. KB 4838
DF
GL 4827

			CSG. RECORD	Surface	Protection	Production	Liner
Date	3-11-85		Size	8 5/8		4.5	
Run No.	ONE		Wt./Ft.	24#		11.6	
Service Order No.	68857		Grade			N-80	
Depth — Driller	7340		Type Joint				
Depth — Logger	7280		Top	000		000	
Bottom Logged Int.	7278		Bottom	340		7340	
Top Logged Interval	6250		PRIMARY CEMENTING DATA				
Ft. Measured	1028						
Type Fluid in Csg.	KCL		Type Cement				
Fluid Level	FULL		Vol. of Cement				
Max. Temp. Deg. F.	—		Additive				
Tool Series No.	1408M5		% Additive				
Tool Diam.	3.62		Retarder				
Standoff Size	VAR		% Retarder				
Logging Speed	30		Slurry Wt.				
R/A Log Type	GR		Water Loss				
T.C.	—		Drlg. Mud Type				
Sens. Setting	—		Drlg. Mud Wt.				
API Units/Div.	—		PRIMARY CEMENTING PROCEDURE	HR	DATE		
Truck or Unit No.	6290		Started Pumping			Preceding Fluid	
Location	FM		Plug on Bottom			Vol.	Bbls.
Opr. Rig Time	MAST		Pres. Released			Returns: Full Partial None	
Recorded by	GRIMES		Started Bond Log	1000	3-11	Pipe Rot. During Pumping: Yes No	
Witnessed by	MR. LEE		Finished Bond Log	1200	3-11	Pipe Rot. After Plugdown: Yes No	

FOLD HERE

In making interpretations of log our employees will give Customer the benefit of their best judgement, but since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or the correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the Customer resulting from any interpretation made by any of our employees.

Remarks:

EQUIPMENT DATA

	RUN NO. 1			RUN NO. 2			RUN NO. 3		
	CBL	GR	Neutron	CBL	GR	Neutron	CBL	GR	Neutron
Series No.	1408-M5	2404							
Serial No.	31290	28731							
Diameter	3.62	3.62							
Detect. Model No.		D6G4							
Type		SCINT.							
Dist. to Source									
Source Model No.									
Serial No.									
Panel No.	3452	3452							
Serial No.	14428	14428							
Standoff Size	VAR								
T-R Spacing	5'								

LOGGING DATA

General				Gamma Ray				Neutron			
Run No.	Depths From	Depths To	Speed (Ft./Min.)	T.C. (Sec.)	Sens. (Settings)	Zero (Div. L or R)	API G.R. (Units/Div.)	T.C. (Sec.)	Sens. (Settings)	Zero (Div. L or R)	API N. (Units/Div.)
1	7280	6250	30								

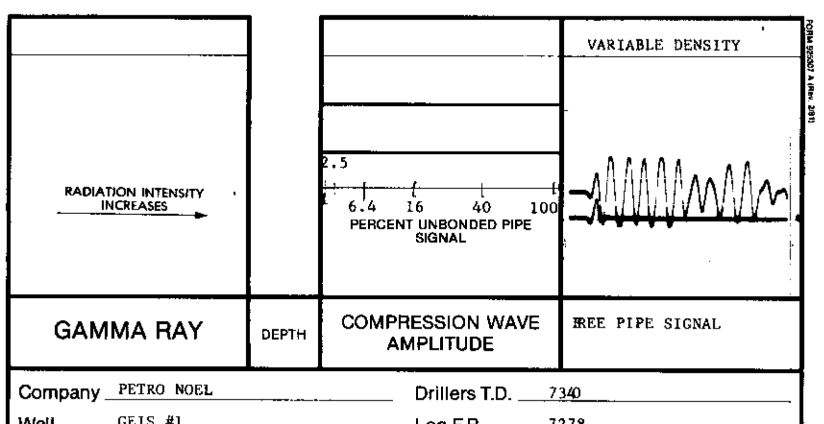
GAMMA RAY	DEPTH	COMPRESSION WAVE AMPLITUDE	200 MICROSECONDS 1200
RADIATION INTENSITY INCREASES →		PERCENT UNBONDED PIPE SIGNAL 2.5 1 6.4 16 40 100	10 VOLTS PER DIV. VARIABLE DENSITY

GAMMA RAY	DEPTH	COMPRESSION WAVE AMPLITUDE	FREE PIPE SIGNAL
RADIATION INTENSITY INCREASES →		2.5 1 6.4 16 40 100 PERCENT UNBONDED PIPE SIGNAL	VARIABLE DENSITY

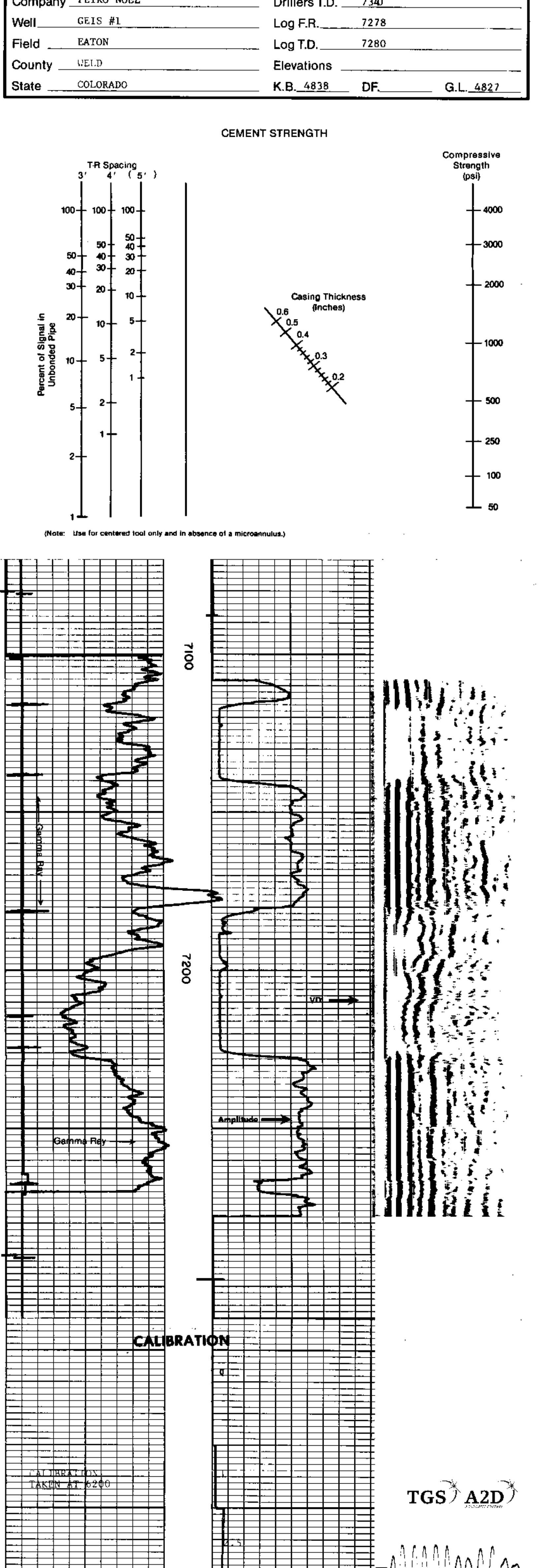
Company PETRO NOEL
Well GEIS #1
Field EATON
County WELD
State COLORADO

Drillers T.D. 7340
Log F.R. 7278
Log T.D. 7280
Elevations
K.B. 4838 DF. G.L. 4827

CEMENT STRENGTH



(Note: Use for centered tool only and in absence of a microannulus.)



Riley®