00358034

API# 031-06517

6517

oil well perforators inc.

O.W.P.

ACOUSTIC CEMENT BOND— GAMMA RAY LOG

COMPANY AMOCO (CITY & CO. OF DENVER)
WELL CHAMPLIN 75 "A" NO. 1
FIELD WATTENBERG
County ADAMS
State COLORADO
File

COMPANY AMOCO (CITY & COUNTY OF DENVER)
WELL CHAMPLIN 75"A" NO. 1
FIELD WATTENBERG
COUNTY ADAMS **STATE** COLORADO

Location NW,SW
1650' FSL, 990' FWL
Sec. 15 Twp 2S Rge 65W

Other Logs

Elevation
KB. 5335
DF.
GL. 5326

Permanent Datum GROUND LEVEL Elev 5326
Log Measured From KELLY BUSHING, 9' ABOVE GROUND
Drilling Measured From KELLY BUSHING

Type Log	GR,CBL			
Run No.	ONE			
Date	9-28-90			
Total Depth Driller	8247			
Present Depth Driller	8247			
Total Depth O.W.P.	1910			
Survey Begins	1910			
Survey Ends	400			
Truck No.	545 & 371			
Location	BRIGHTON			
Type Fluid in Hole	WATER			
Salinity PPMC Cl				
Weight lb./gal.				
Fluid Level	FULL			
Max. Hole Temp				
Recorded By	SHINDLE			
Witnessed By	MR. ORGAN			

RECEIVED
JAN 31 1991
COLO. OIL & GAS CONS. COMM.

BORE HOLE RECORD				CASING RECORD			
Run	Bit	From	To	Size	Wt.	From	To
				4½"		SURFACE	8247

EQUIPMENT DATA

Tool Serial No. SN 40 Model No. 145CS Dia 3 1/8" Transmitter Frequency 22KHz
Gamma Ray Detector Type SCINT. Length 8' Receiver to Transmitter Spacing 3'
Distance To Bond Ref. 96" Free Casing = 85Mv

LOGGING DATA

GENERAL					GAMMA RAY			AMPLITUDE			T. Time
Run No.	Depth From	Depth To	Speed Ft/Min.	TC Sec.	Span	Zero	Scale	Gain	Delay	Scale	Scale
1	1910	400	40	2	80		CORRELATION	58	489		200 - 400

CEMENTING DATA:

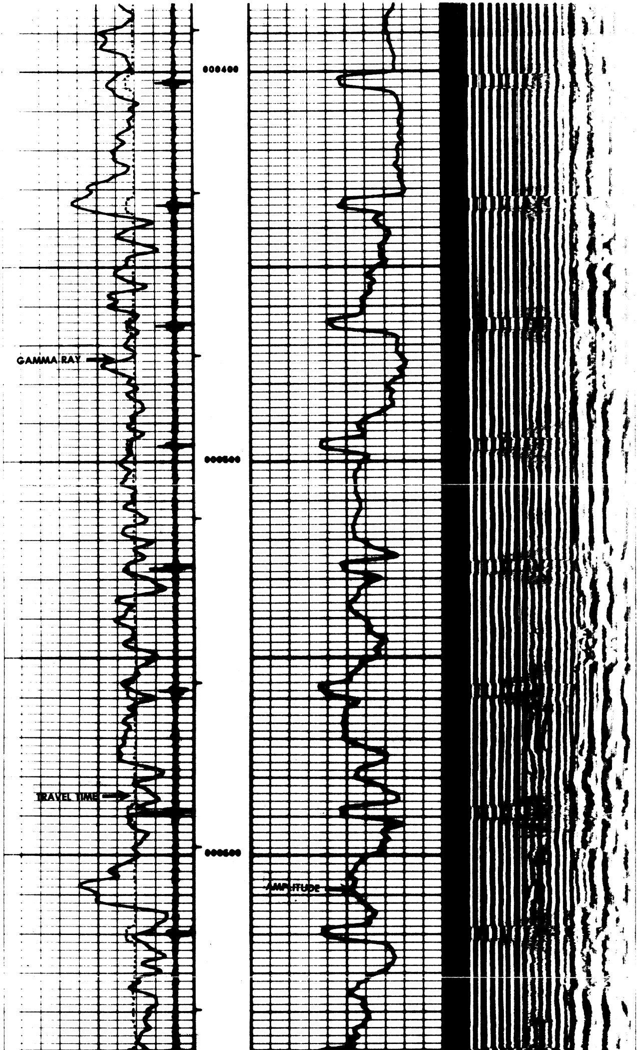
VARIABLE DENSITY or SEISMIC SPECTRUM
TIME
MICROSECONDS

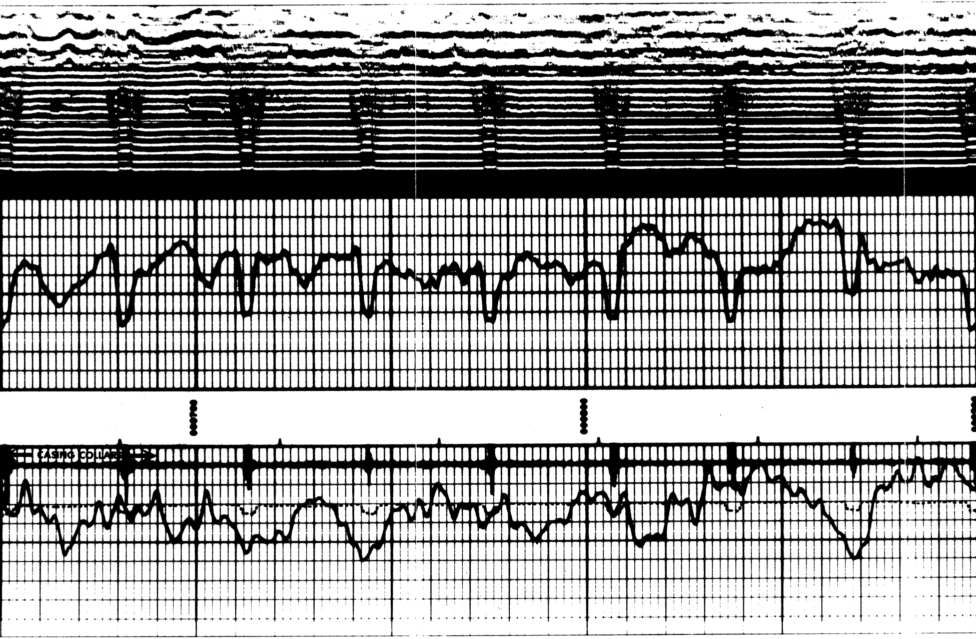
AMPLITUDE
CEMENT BONDING INCREASES
0 20
0 100

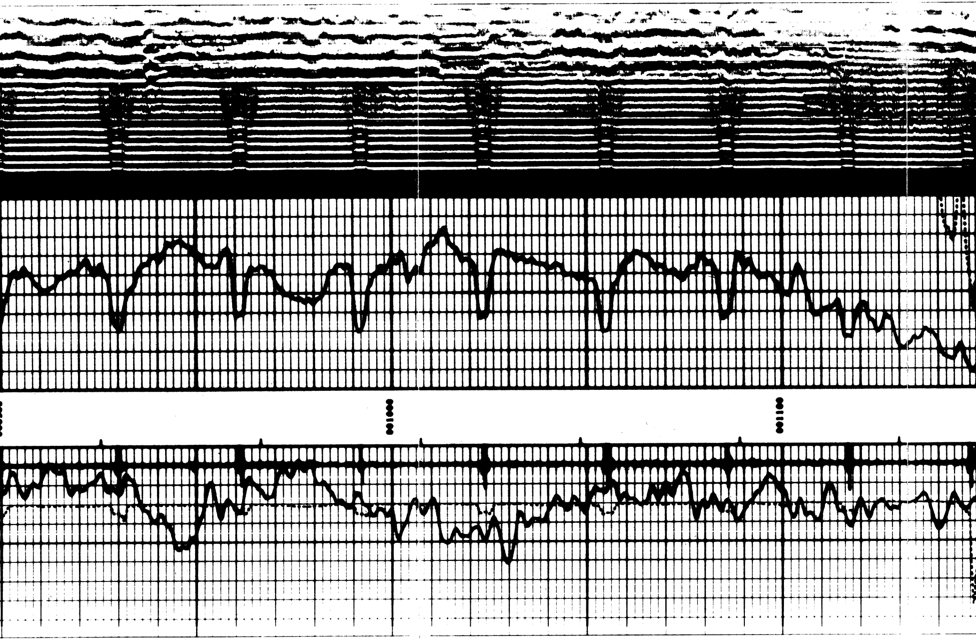
CASING & COLLAR LOG DEPTH

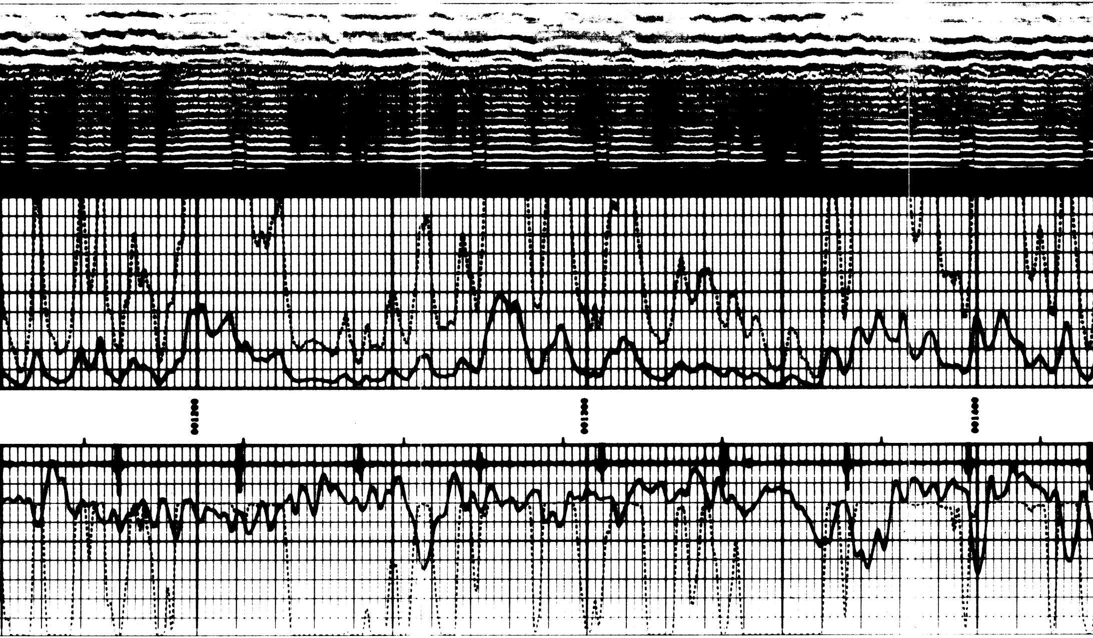
GAMMA RAY
API UNITS

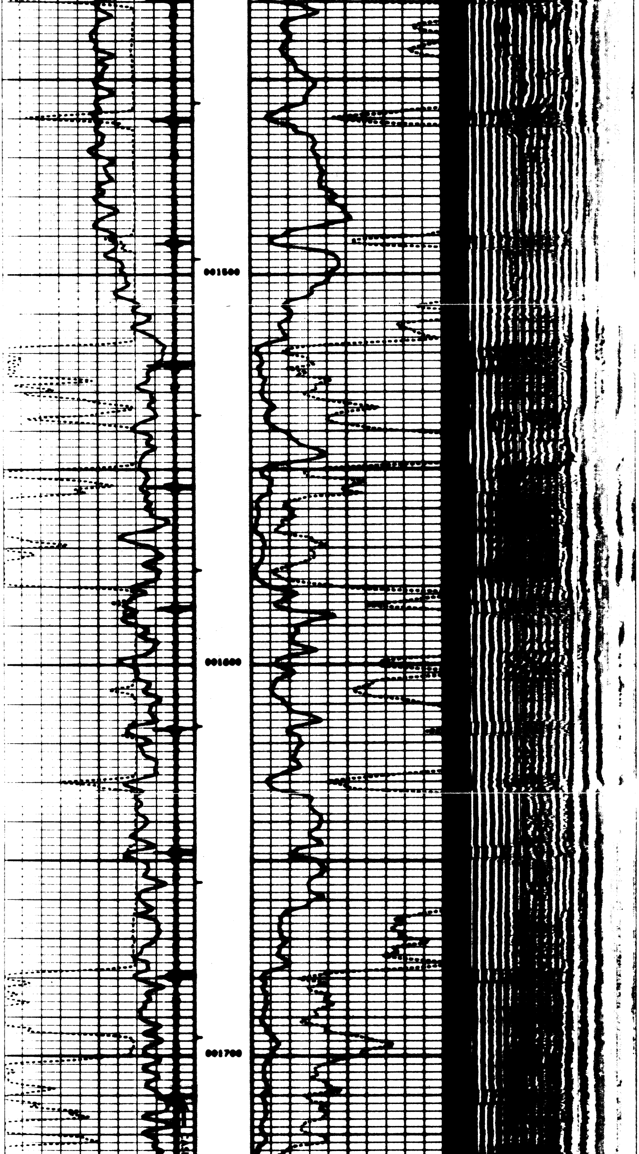
TRANSIT TIME
MICROSECONDS
400 200

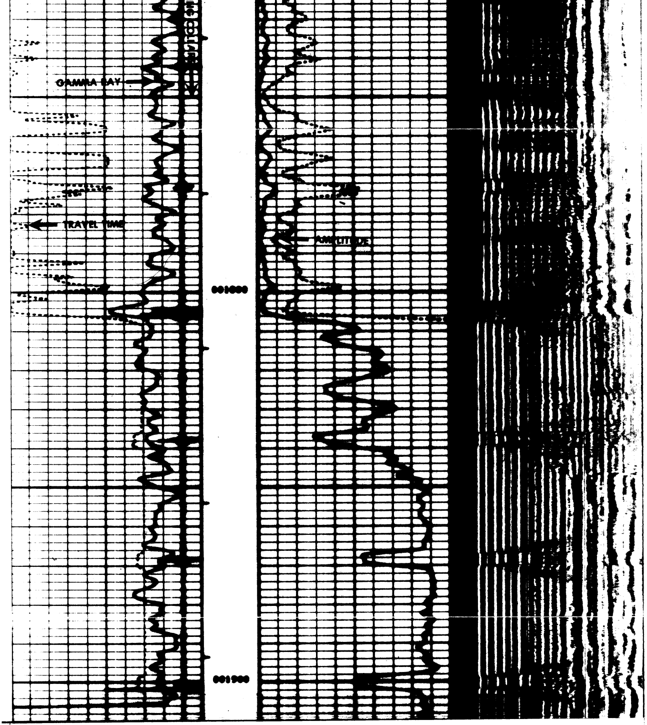






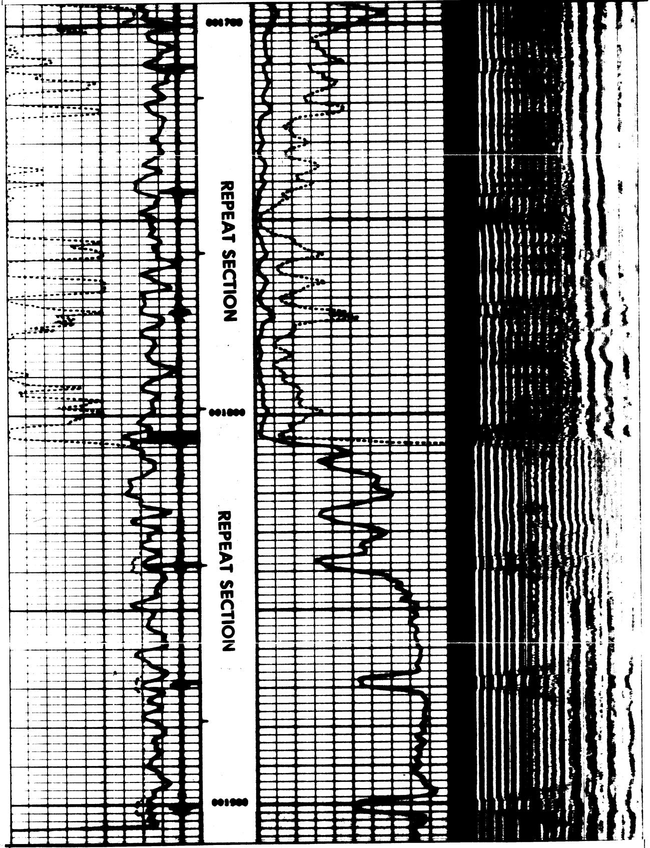






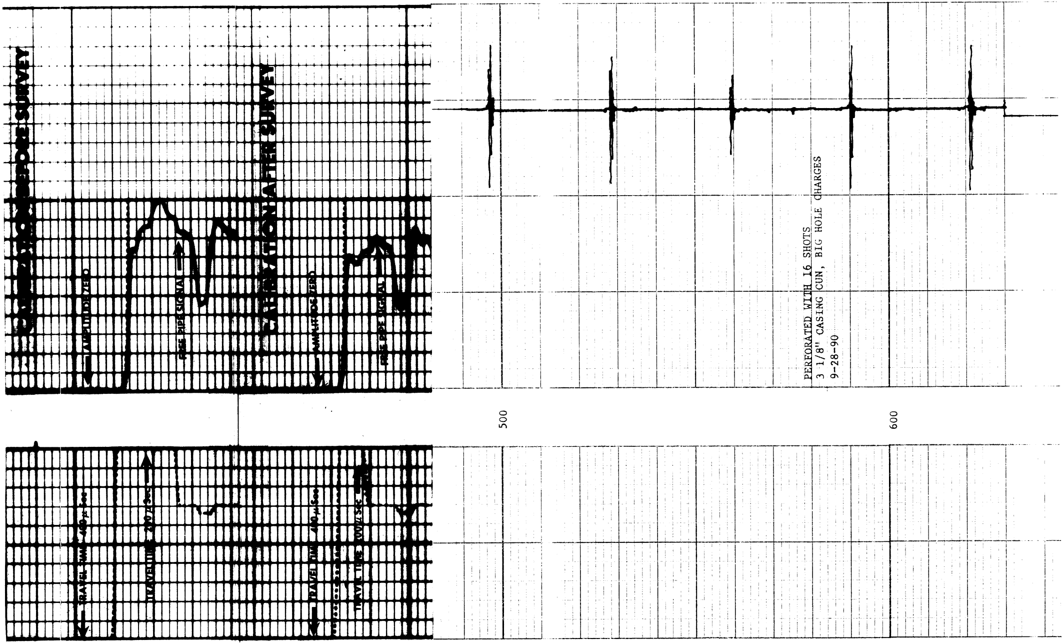
RADIATION INTENSITY INCREASES →		FREE CASING →	MICROSECONDS
GAMMA RAY		← ACOUSTIC ZERO	VDL or SEISMIC
MICROSECONDS		CEMENT BONDING INCREASES ←	
TRANSIT TIME		CEMENT BOND	
- - - - - - - - - - - - - - -	DEPTH		

REPEAT SECTION



REPEAT SECTION

Company	AMOCO (CITY & COUNTY OF DENVER)	Drillers T.D.	8247
Well	CHAMPLIN 83 "A" NO. 1	Log R.D.	1910
Field	WATTENBERG	Log T.D.	1910
County	ADAMS	Elevations:	
State	COLORADO	K.B. 5335 D.F.	G.L. 5326



PERFORATED WITH 16 SHOTS
3 1/8" CASING GUN, BIG HOLE CHARGES
9-28-90