

1-1-786
2-2-51
APR 25 1962
WELLEX
RADIOACTIVITY LOG

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

Figure 8--Radioactivity log of USGS
test hole I, Project Gnome

COMPANY: ATOMIC ENERGY COMMISSION
WELL: U. S. G. S. TEST HOLE # 1
FIELD: PROJECT GNOME
COUNTY: EDDY
STATE: NEW MEXICO
LOCATION: CENTER OF SEC. 34
TWP. 23-S RGE. 30-E

Log Measured From: GROUND LEVEL
Log Measured To: GROUND LEVEL
Type Log: GAMMA
Kern No.: 8-23-60
Total Depth Driller: 726
Present Depth Driller: 726
Total Depth Welox: 724
Survey Begins: 724
Survey Ends: 724
Mud Date: SURF
Mud Weight: SURF
Mud Solids: SURF

Permanent Datum: GROUND LEVEL
Elev.: 3425
Log Measured From: GROUND LEVEL
Log Measured To: GROUND LEVEL
Type Log: GAMMA
Kern No.: 8-23-60
Total Depth Driller: 726
Present Depth Driller: 726
Total Depth Welox: 724
Survey Begins: 724
Survey Ends: 724
Mud Date: SURF
Mud Weight: SURF
Mud Solids: SURF

Other Logs: ELECTRIC LOG

Recorded By: J.G. GREER
Witnessed By: M.F. B. TUTTS

Max. Hole Temp: 83°

Run	From	To	Size	Wgt.	From	To
21	0	115	2 1/2"	0	0	115
22	115	304	2 1/2"	0	115	304
23	304	577	2 1/2"	0	304	577
24	577	726	2 1/2"	0	577	726

LOGGING TOOL DATA

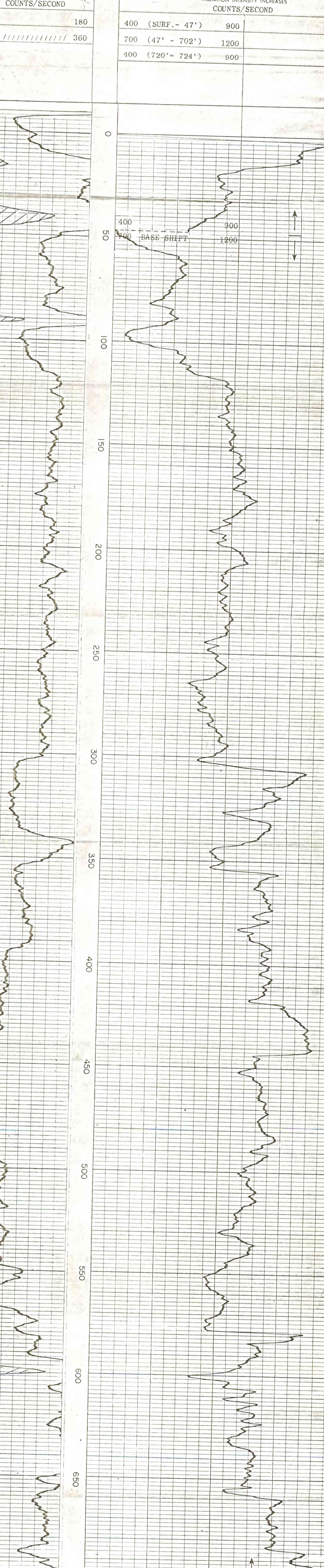
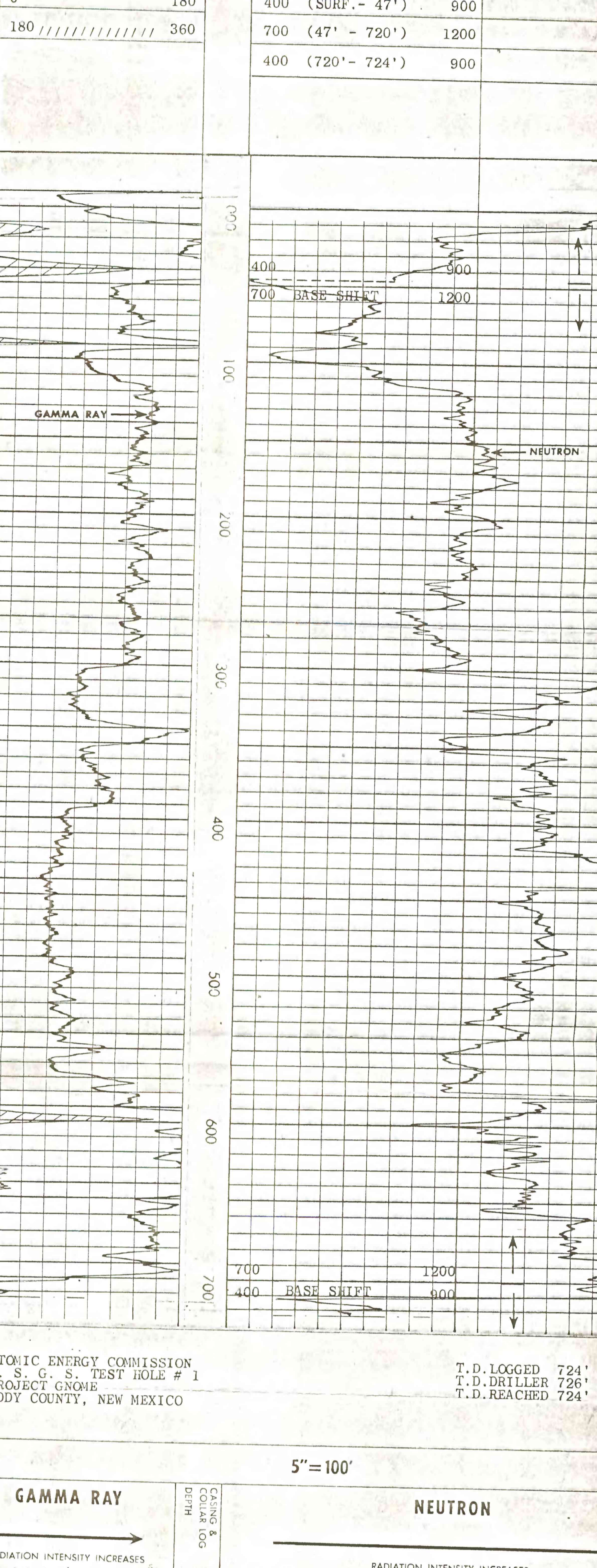
Truck No.	Inst. Truck No.	Tool Serial No.
32-4567		10 123

Tool Model No.	Log Type	Tool Model No.	Log Type
2000	NEUTRON-GAMMA	2000	NEUTRON
1-E-11		1-C-8	
GEIGER-MUELLER		GEIGER-MUELLER	
Length 28"		Length 14"	
Distance To N. Source 107'		Serial No. 41	
Reference Literature: WELLEX RADIOACTIVITY LOGGING BULLETIN A-126		Source Model No. 400	
		Spacing 12"	
		Type RaBe 6	
		Strength 6.1 x 10 ⁶ NEUTRONS/SECOND	

LOGGING DATA

Depth	Speed	T. C.	Gamma Ray Setting	Scale	T. C.	Neutron Setting	Scale
From	To	Sec.	Sensitivity	Cps/CD	Sec.	Sensitivity	CD/L
0	47	2	180 CPS	2	2	1000 CPS	50
47	702	2	180 CPS	2	2	1000 CPS	50
702	724	2	180 CPS	2	2	1000 CPS	50

REMARKS:



ATOMIC ENERGY COMMISSION
U. S. G. S. TEST HOLE # 1
PROJECT GNOME
EDDY COUNTY, NEW MEXICO

T.D. LOGGED 724'
T.D. DRILLER 726'
T.D. REACHED 724'