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IN BACK OF BOUND VOLUME

Figure 11--Radioactivity log of USGS  
test hole 2, Project Gnome

<b>WELBY RADIOACTIVITY LOG</b>		COMPANY: ATOMIC ENERGY COMMISSION WELL: U S G S TEST HOLE # 2 FIELD: PROJECT GNOME COUNTY: EDDY STATE: NEW MEXICO	COMPANY: ATOMIC ENERGY COMMISSION WELL: U S G S TEST HOLE # 2 FIELD: PROJECT GNOME COUNTY: EDDY STATE: NEW MEXICO	Location: 330' PSL, 330' PWT SEC 4 TWP 24 S RGE 30 E	Other Log: ELECTRIC																																
Permanent Datum: GROUND LEVEL Elev. 3402 Log Measured From: DERRICK FLOOR Drilling Measured From: DERRICK FLOOR Type Log: GAMMA N-GAMMA Run No.: 9-7-60 Date: 9-7-60		Elevation: 3403 G.I. 3402																																			
Total Depth Driller: 608 Present Depth Driller: 608 Total Depth Welox: 608 Survey Begins: 383 Survey Ends: 393 Mud Data: SLIME SLIME		Type Fluid in Hole: SALT WATER SATURATED Specific PPM Cl: 531 Weight lb./gal: 7.5 Fluid Level: 7.5 Max. Hole Temp.: 7.5																																			
Recorded By: P. C. HARRIS Witnessed By: M. H. BURGESS		BORE HOLE RECORD <table border="1"> <tr> <th>Run</th> <th>Bit</th> <th>From</th> <th>To</th> <th>Size</th> <th>Wt.</th> <th>From</th> <th>To</th> </tr> <tr> <td>19</td> <td>19"</td> <td>0</td> <td>210</td> <td>70"</td> <td></td> <td>0</td> <td>210</td> </tr> <tr> <td>17</td> <td>17-1/2"</td> <td>210</td> <td>322</td> <td>18"</td> <td></td> <td>0</td> <td>322</td> </tr> <tr> <td>12</td> <td>12"</td> <td>340</td> <td>608</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Run	Bit	From	To	Size	Wt.	From	To	19	19"	0	210	70"		0	210	17	17-1/2"	210	322	18"		0	322	12	12"	340	608				
Run	Bit	From	To	Size	Wt.	From	To																														
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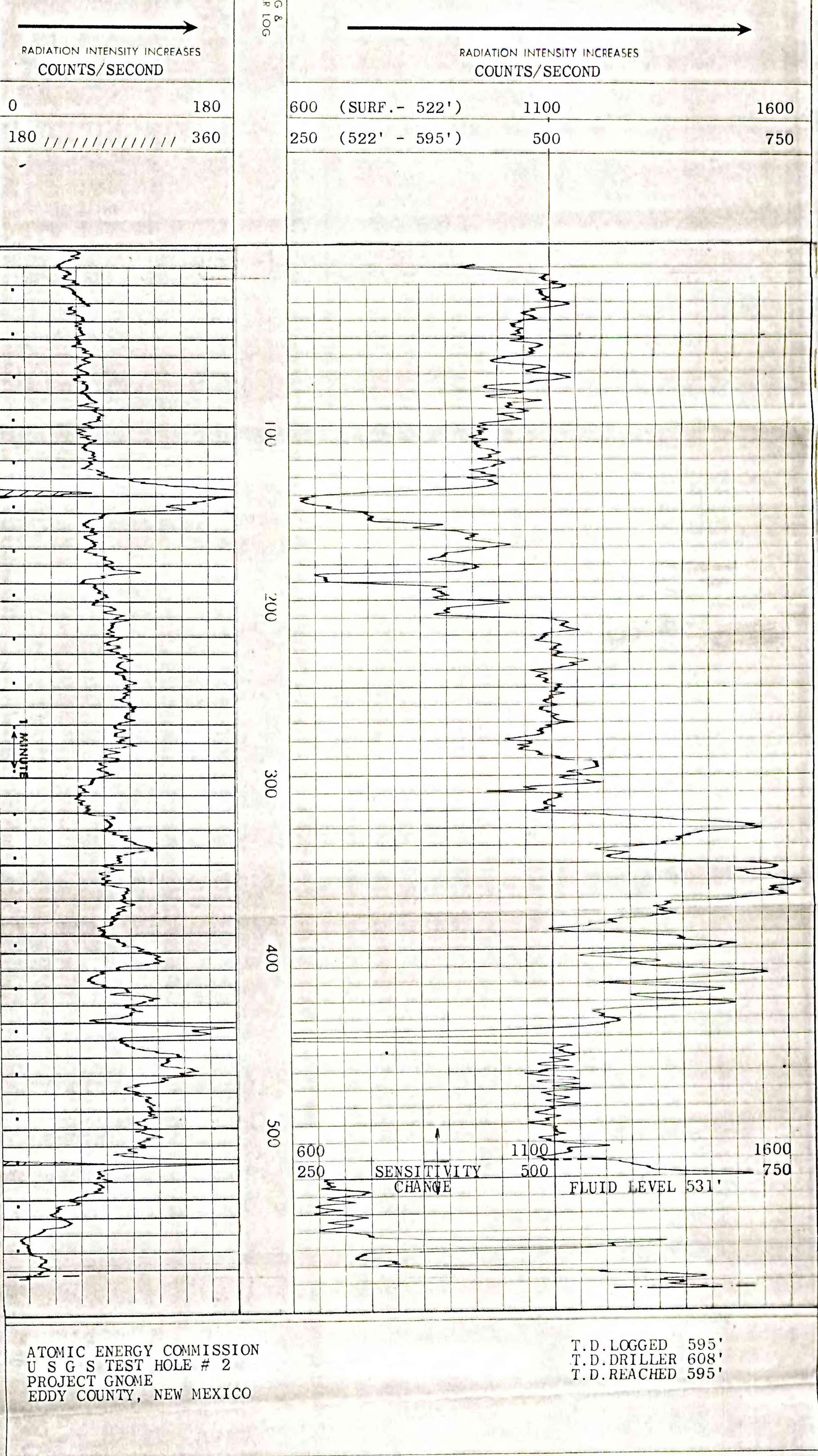
LOGGING TOOL DATA

Truck No. 321-3001	Inst. Truck No. GAMMA RAY	Tool Serial No. 2031
Tool Model No. 2000	Dia. 3-5/8"	Log Type NEUTRON-GAMMA
Detector Model No. 1-E-11	Length 28"	Tool Model No. 2000
Type GEIGER-MUELLER	Reference Literature: WELBY RADIOACTIVITY LOGGING BULLETIN A-126	Detector Model No. 1-C-8
Distance To N. Source 107'		Type GEIGER-MUELLER
		Length 14"
		Source Model No. 400
		Serial No. 18
		Spacing 12"
		Type RaBe
		Strength 6.1 x 10 <sup>6</sup> NEUTRONS/SECOND

LOGGING DATA

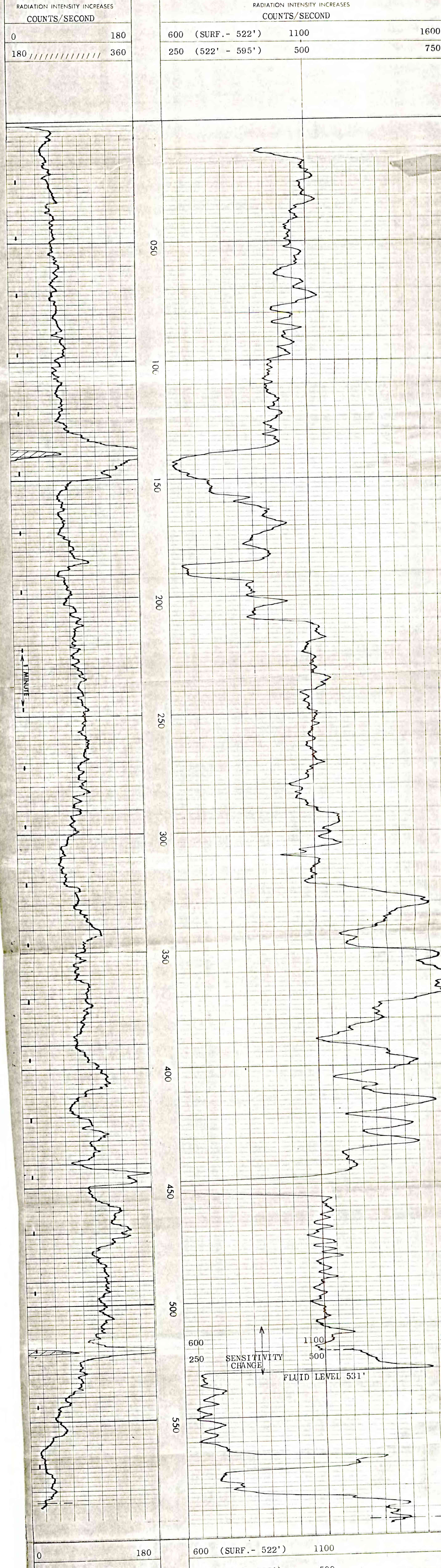
Depth		Speed	T. C.	Gamma Ray Setting		T. C.	Neutron Setting	
From	To	Ft./min.	Sec.	Zero	Scale	Sec.	Sensitivity	Zero
SURF.	522	*	2	180 CPS	0	20 CPS/CD	2	1000 CPS
522	595	*	2	180 CPS	0	20 CPS/CD	2	500 CPS

REMARKS: \* RECORDED SPOTS ON LEFT INDICATE LOGGING SPEED



ATOMIC ENERGY COMMISSION  
U S G S TEST HOLE # 2  
PROJECT GNOME  
EDDY COUNTY, NEW MEXICO

T. D. LOGGED 595'  
T. D. DRILLER 608'  
T. D. REACHED 595'



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