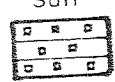
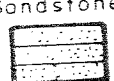
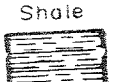
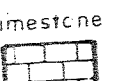
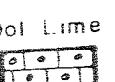
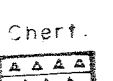
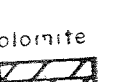


Well Name & No. _____
 Location SW NESW 12-27S-29W
 County & State GRAY Co., KS
 KB 2742'

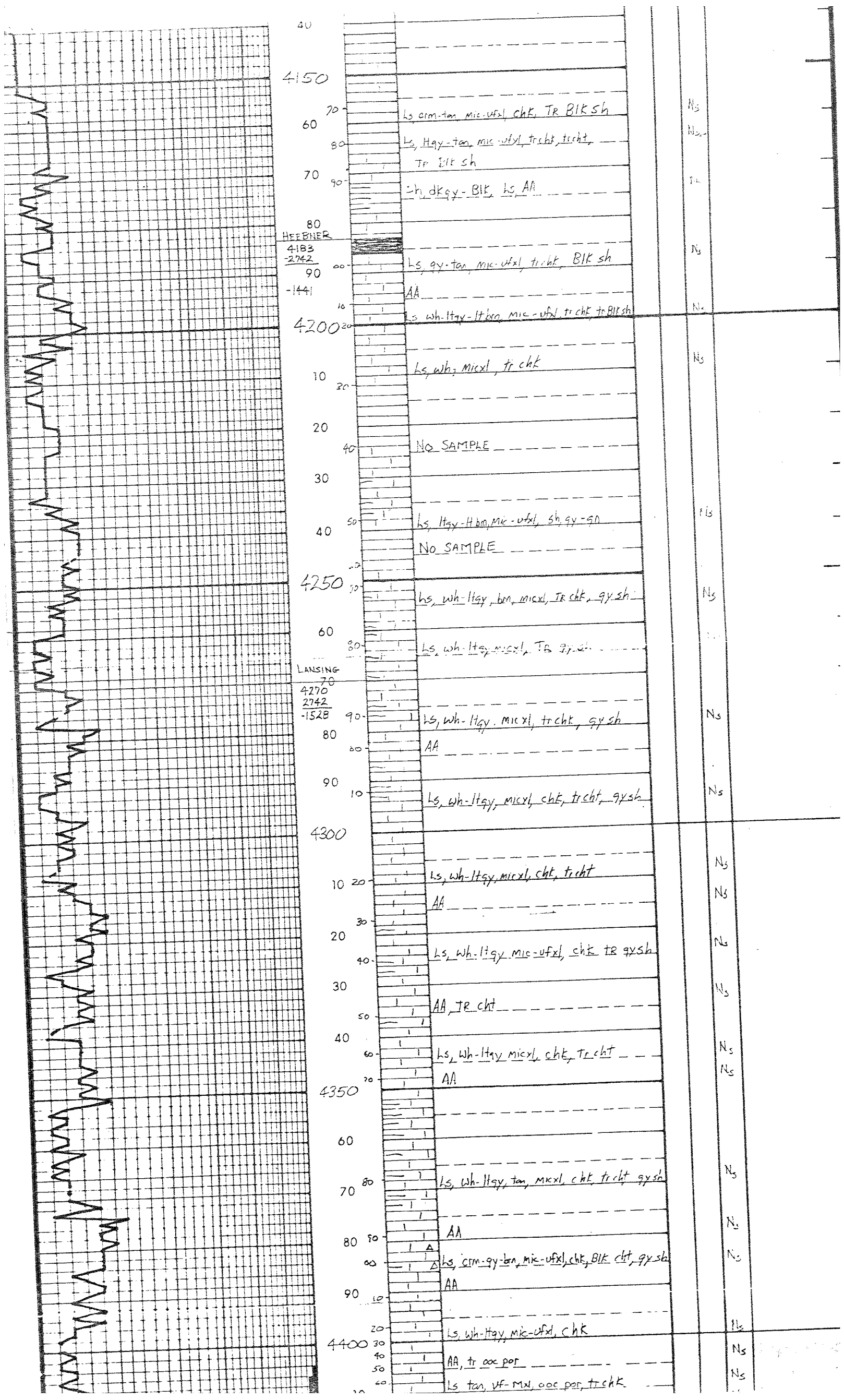
PENDLETON LAND & EXPLORATION
 AL PENDLETON

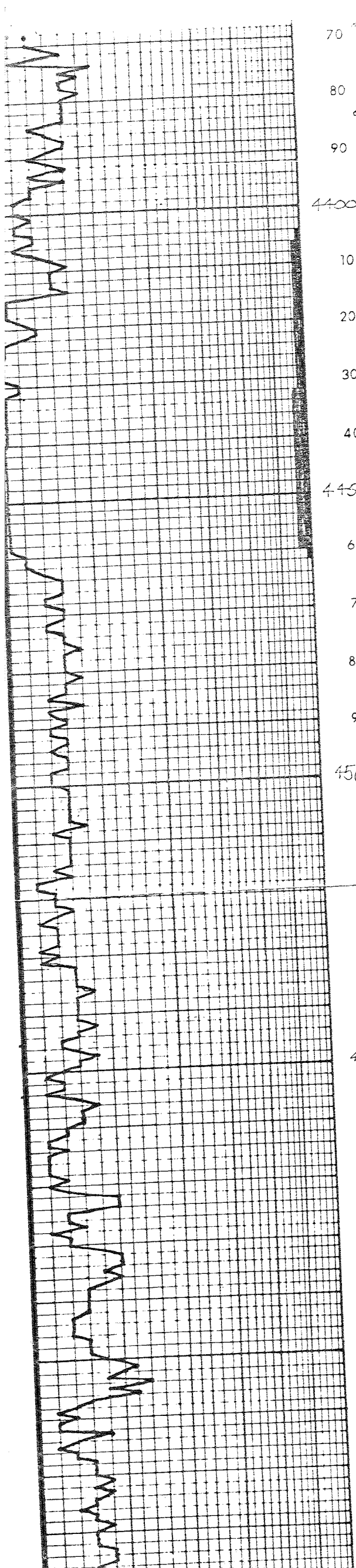
SAMPLE DESCRIPTION AND DRILLING TIME LOG

Samples examined, concurrent with drilling operation, from 4000' to RTD

 Anhydrite	 Salt	 Sandstone	 Shale	 Carb Sh	 Limestone	 Ool Lime	 Chert	 Dolomite
---	--	---	---	---	--	--	---	--

DRILLING TIME in Minutes Per Foot Rate of Penetration Decreases		DEPTH	SAMPLE DESCRIPTIONS	FRAMEWORK	DIAGENESIS	OIL / GAS SHOWS	REMARKS
5.0	10.0						
		4000	20' Ls, wh-ltgy, vf - Mxl, chky, cht			Ns	
		10	20' AA			Ns	
		40	20' Ls, wh-ltgy, mic-vfxl, chky, tr, cht			Ns	
		20	50' AA			Ns	
		30	60' AA			Ns	
		70	20' AA			Ns	
		40	80' Ls, ltgy-tan, mic-fxl, chky			Ns	
		4050	90' AA			Ns	
		60	20' AA			Ns	
		70	10' AA			Ns	
		80	20' Ls, wh-crm-ltgy, mic-fxl, trcht			Ns	
		30	AA, TR BIK Sh			Ns	
		90	40' Ls, crm-ltgy, micxl, das, trcht			Ns	
		4100	50' AA			Ns	
		10					
		20					
		40	60' Ls, wh-ltgy, mic-fxl, tr, calcxl, trcht, tr, cht			Ns	
		30					
		40					
		4150					
		70					
		60	20' Ls, crm-tan, mic-vfxl, chky, TR BIK Sh			Ns	





70	70	ls, wh, tan, mic, vfxl, chk, blk, ch, gy sh	Ns
80	80	AA	Ns
90	90	ls, tan, gy, tan, mic, vfxl, chk, blk, ch, gy sh	Ns
100	100	AA	Ns
110	110	ls, wh, tan, mic, vfxl, chk	Ns
120	120	AA, tr ooc por	Ns
130	130	ls, tan, vf-Mxl, ooc por, tr chk	Ns
140	140	AA	Ns
150	150		Ns
160	160		Ns
170	170		Ns
180	180		Ns
190	190		Ns
200	200		Ns
210	210		Ns
220	220		Ns
230	230		Ns
240	240		Ns
250	250		Ns
260	260		Ns
270	270		Ns
280	280		Ns
290	290		Ns
300	300		Ns
310	310		Ns
320	320		Ns
330	330		Ns
340	340		Ns
350	350		Ns
360	360		Ns
370	370		Ns
380	380		Ns
390	390		Ns
400	400		Ns
410	410		Ns
420	420		Ns
430	430		Ns
440	440		Ns
450	450		Ns
460	460		Ns
470	470		Ns
480	480		Ns
490	490		Ns
500	500		Ns
510	510		Ns
520	520		Ns
530	530		Ns
540	540		Ns
550	550		Ns
560	560		Ns
570	570		Ns
580	580		Ns
590	590		Ns
600	600		Ns
610	610		Ns
620	620		Ns
630	630		Ns
640	640		Ns
650	650		Ns
660	660		Ns
670	670		Ns
680	680		Ns
690	690		Ns
700	700		Ns
710	710		Ns
720	720		Ns
730	730		Ns
740	740		Ns
750	750		Ns
760	760		Ns
770	770		Ns
780	780		Ns
790	790		Ns
800	800		Ns
810	810		Ns
820	820		Ns
830	830		Ns
840	840		Ns
850	850		Ns
860	860		Ns
870	870		Ns
880	880		Ns
890	890		Ns
900	900		Ns
910	910		Ns
920	920		Ns
930	930		Ns
940	940		Ns
950	950		Ns
960	960		Ns
970	970		Ns
980	980		Ns
990	990		Ns
1000	1000		Ns

4553 BIT TRIP

