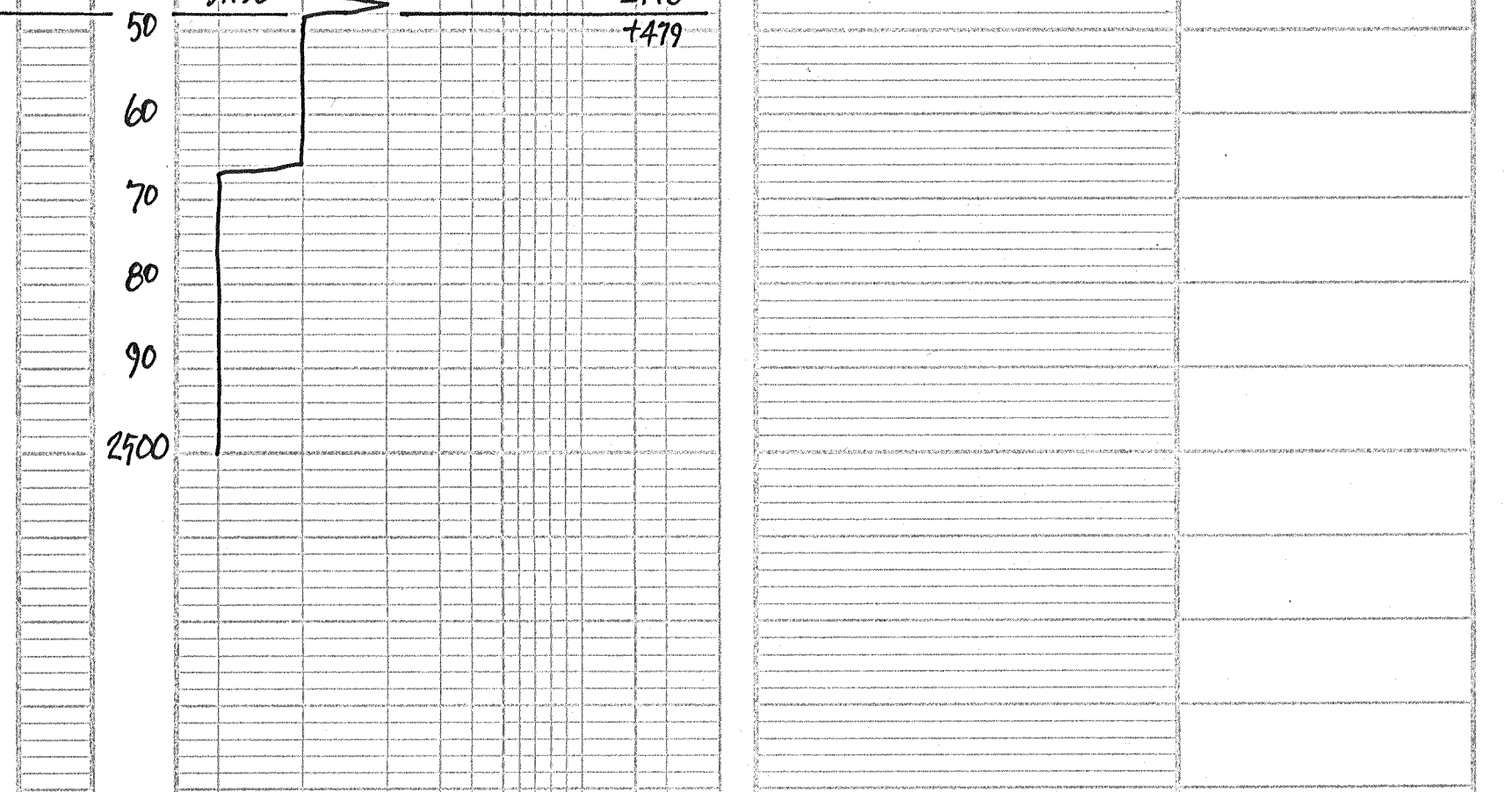


FORMATION	TOP	FEET	DEPTH	STRENGTH	REMARKS
HAVERLY	2410	208	2421	1506	
OSBER	3405	102	3460	1499	
HEBNER SH	3924	107	3995	1028	
LAUSING	3995	1068	3995	1069	
MUNCIE SH	4150	1224	4153	1069	
STARK SH	4170	1305	4170	1313	
ALTAMONT	4360	1433	4360	1433	
MYRICK	4480	1553	4480	1553	
FT SCOTT	4501	1574	4501	1574	
CHEROKEE SH	4528	1601	4528	1601	
JOHNSON ZN	4572	1645	4572	1645	
BASE JZN	4590	1663	4590	1663	
MISS	4620	1693	4620	1693	

IT WAS RECOMMENDED TO RUN 4 1/2" PRODUCTION CHISING TO PRODUCE THE LOG V & K ZONES AS A RESULT OF POSITIVE DRILL STEM TEST KEYWAY AND F-LOG EVALUATION

MIKE ENGELBRECHT
 GEOLOGIST Lic # 334

WELL LOG SURVEYS: **W/225 S&S R2 & 2407**



LEGEND

Anyhydrite, Salt, Sandstone, Shale, Carb sh, Limestone, Col. Lims, Chert, Dolomite

DEPTH	FORMATION	TOP	FEET	DEPTH	STRENGTH	REMARKS
2400	HAVERLY	2410	208	2421	1506	
30	OSBER	3405	102	3460	1499	
30	HEBNER SH	3924	107	3995	1028	
30	LAUSING	3995	1068	3995	1069	
30	MUNCIE SH	4150	1224	4153	1069	
30	STARK SH	4170	1305	4170	1313	
30	ALTAMONT	4360	1433	4360	1433	
30	MYRICK	4480	1553	4480	1553	
30	FT SCOTT	4501	1574	4501	1574	
30	CHEROKEE SH	4528	1601	4528	1601	
30	JOHNSON ZN	4572	1645	4572	1645	
30	BASE JZN	4590	1663	4590	1663	
30	MISS	4620	1693	4620	1693	
30	RTD 4740					
30	LTD 4739					

W/225 S&S R2 & 2407

RTD @ 5:30 AM SAT 4-13-13
 CFS 30 MIN. PULLED 15 STD SHORT TRAP
 COND. HOLE 1/2 HRS. CAME OUT
 FOR LOGS.