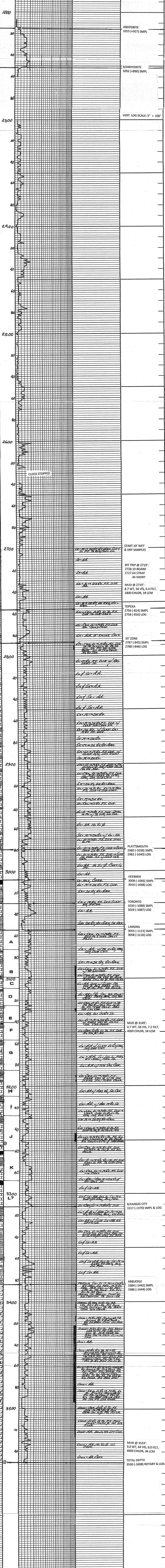


GEOLOGIST'S REPORT
 DRILLING TIME and SAMPLE LOG

COMPANY: BEREKCO LLC	ELEVATIONS	K.B. 1942
LEASE: HINES UNIT #26X	FIELD: FAIRPORT	D.F. 1938
LOCATION: NE-NW-NW-NW	SEC. 16	TWP. 11
COUNTY: RUSSELL	STATE: KANSAS	RNG. 15W
CONTRACTOR: BERED CO	COIN. 1/200/18	MEASUREMENTS ARE ALL FROM KB
SPUD: 11/14/19	L.D.: 3580	PRODUCTION 512 @ 3580
RETD. 3580	TYPE: MUD CHEMICAL	ELECTRICAL SURVEYS
MUD U.P.: 2800	AP No. 15-161-24097	SUP: COMB. NEILSONS, BIL.
SAMPLES SAVED FROM: 2700	TO: RTD	MEL. SWMC
DRAWINGS KEPT FROM: 2300	TO: RTD	
SAMPLES EXAMINED FROM: 2700	TO: RTD	
GEOLOGICAL SUPERVISION FROM: 2375	TO: RTD	
GEOLOGIST ON WELL: JERRY A. SMITH		

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE		1015 (+827)
BLAUNDRITE		1052 (+890)
TOPEKA	2758 (+816)	2756 (+814)
35' ZONE	2788 (+846)	2787 (+845)
PLATTSMOUTH	2892 (+1040)	2880 (+1028)
HEEBNER	3020 (+1068)	3020 (+1068)
TORONTO	3020 (+1068)	3030 (+1088)
LANSING	3058 (+1116)	3058 (+1113)
BIANKANS CITY	3317 (+1370)	3317 (+1370)
ARBUCKLE	3386 (+1444)	3384 (+1442)

DEPTH	DRILLING TIME IN MINUTES PER FOOT	Rate of Penetration Increases	SAMPLE DESCRIPTIONS	REMARKS
-------	-----------------------------------	-------------------------------	---------------------	---------



COMPANY: BEREKCO LLC	ELEVATION: 1942 KB
LEASE: HINES UNIT #26X	
LOCATION: NE-NW-NW-NW	SEC 16 TWP 11 RGE 15W
COUNTY: RUSSELL	STATE: KS