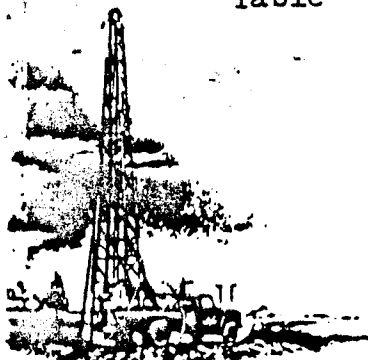


Table 1.-Drillers log of test hole at proposed well site.



# Henkle

**DRILLING & SUPPLY CO., INC.**

3795 W. JONES AVE.  
316/277-2389  
FAX/277-0224

P.O. Box 639  
GARDEN CITY, KANSAS 67846

CUSTOMER'S NAME City of Liberal DATE 5/18/92  
 STREET ADDRESS Box 830 TEST # 1 E. LOG Yes  
 CITY & STATE Liberal KS 67901 DRILLER Wendell Livingston  
 COUNTY Seward QUARTER NW SECTION 9 TOWNSHIP 35 RANGE 33

LOCATION Corner of Pine & Oklahoma - See attached map

Test Hole 5,000 feet north of the apparent SE Section 9 corner.  
3,700 feet west

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: Approx. 160' Proposed Well Depth: 626'
	From	Pay	To		
	0		3	Top soil	
	3		15	02 Brown clay	
	15		103	04 Brown sandy clay, caliche & few sand streaks	
	103		115	07 Sand fine to medium, cemented ledges	
	115		164	Brown sand clay & limerock	
	164		204	04 White sand clay & limerock	
55	204	12	216	17 Sand fine to medium coarse & small gravel	
	216		242	Brown & yellow sandy clay	
50	242	35	277	Sand fine to medium & few clay streaks drills loose in places	
	277		292	Brown & gray sandy clay & few sand streaks	
55	292	13	305	Sand fine to medium coarse & very few clay streaks	
	305		313	04 Brown sandy clay & few sand streaks	
50	313	29	342	07 Sand fine to medium coarse	
45	342	14	356	Sand fine to medium & brown sandy clay	
50	356	9	365	Sand fine to medium coarse & few clay streaks	
45	365	17	382	04 Sand fine to medium & brown sandy clay	
50	382	56	438	07 Sand fine to medium coarse	
	438		450	04 Gray clay & sand streaks	
	450		462	07 Sand fine to small blue in color	
	462		472	04 Gray sandy clay & fine sand streaks	
50	472	30	502	07 Sand fine to medium	
40	502	20	522	04 Sand fine to medium with clay streaks	
50	522	48	570	07 Sand fine to medium a few coarse	
	570		578	01 Brown and blue clay	
80	578	45	623	17 Sand fine to medium coarse & small gravel	
	623		645	04 Gray clay & fine to small sand streaks	
	645		648	19 Red bed	
				Well Depth - 626	
				Set up south	
				Pit on the west	
				Gray clay sluffed	
				Air lift 4 Hrs.	
				1 1/2" Pipe too 618'	
				1/2" Pipe too 273'	
				20 # - Hi Tech	