

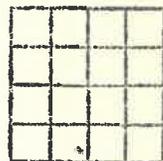
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- Broderick & Gordon
Farm- Hagen No. 4

SEC. 20 T. 20 R. 11W
SE SE SW

Total Depth. 3375'
Comm. 10-2-57 Comp. 10-22-57
Shot or Treated.
Contractor. Tom Allan
Issued. 12-28-57

County Barton KANSAS



Elevation. 1803' RB.

Production. 10 BOPD.

CASING:

8 5/8" @ 277' w/175 sks. cem.
5 1/2" @ 3335 1/2' w/100 sks. cem.

Figures indicate Bottom of Formations.

sandy soil	15	Dolomite Bail 20 gal. oil/hr.	
sand coarse	60	off Bottom	3375
clay yellow	90	Total Depth	
sand & gravel	170		
Gumbo blue	210	TOPS:	
shale sandy	225	Top Anhydrite	540
Gumbo blue	240	Base Florence Flint	1762
red beds	277	Top Heebner	2953
shale red	540	Top Brown Lime	3083
Anhydrite	562	Top Lansing	3100
shale red	900	Top Arbuckle	3333
shale	1050		
salt & shale	1350		
shale & Anhydrite	1630		
lime	1726		
cherty Fusilinid lime	1762		
shale & shells	1950		
lime	2050		
shale & shells	2700		
lime & shale breaks	2953		
shale black	2958		
lime	2961'		
shale	2966		
lime	2980		
shale	3083		
lime brown	3093		
shale	3100		
lime	3130		
shale & lime	3138		
lime	3150		
shale	3154		
lime	3180		
shale	3184		
lime soft-S. S. oil	3195		
Probably Water			
lime	3219		
shale	3225		
lime soft-S.S. Oil	3235		
shale & lime	3245		
lime	3287		
shale	3290		
lime	3311		
shale & lime	3330		
shale	3333		
Dense Dolomite White	3336		
CHANGED TO CABLE TOOLS			
Sandy mud green (Caving)	3338		
Chrystaline Dolomite V.S.S.	03340		
Chrystaline Dolomite hard			
white	3347		
Porous Dolomite - S. S. O.			
Bailed 22 gal./hr.			
Acid 300 gal.			
Bailed 8 gal./hr.	3350		
Partly Weathered Dolomite			
and Green Muddy Strks.	3360		
Sandy Green Mud (Caving)	3364		
Dolomite hard white	3368		
Slightly Brown Dolomite			
	3372		