

Company (Kent Drilling Company - Contractor)

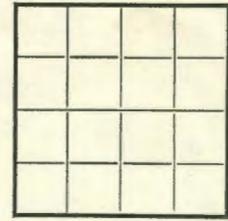
22  
 Sec. 15 T. 14 R. 23E.  
 Loc. 160' FNL -- 160' FEL  
 County Johnson

Farm Charles Knabe

Well No. 4

Total Depth 740  
 Comm. Nov. 28, 1961  
 Shot or Treated  
 Contractor  
 Issued

Comp. Dec. 5, 1961



Casing	
20 in.	10 in
15 1/2	8 1/4
12 1/2	6 5/8
13 3/8	5 3/16

Elevation

Production oil

Figures Indicate Bottom of Formation

Soil and clay	5	Laminated sand	708.45	Not a solid sand, but good with good bleeding
Lime	20			
Shale	29			
Lime	60			
Shale	88	Laminated sand	713.25	Broken and not much bleeding
Lime	159			
Shale	192	Shale down to	740	
Lime	202			
Shale	220			
Lime	227			
Shale	231			
Lime	240			
Shale	272			
Lime	273			
Shale	292			
Lime	297			
Shale	299			
Lime	314			
Shale	318			
Lime	339			
Shale	342			
Lime	345			
Shale	352			
Lime	359			
Shale	531			
Lime	535			
Shale	538			
Lime	541			
Shale	551			
Lime	554			
Shale	569			
Lime	573			
Shale	586			
Lime	589			
Shale	591			
Red Bed	593			
Shale	621			
Lime	623			
Shale	675	S.L.M.@663.25		
Lime Shells	680			
Shale	694			
Sand	695	Good Bleeding, drilled with bit, S.L.M.@695'		
Sand, very, very good	700	Excellent sand section with good bleeding		
Sand, very, very good	704.80	Excellent sand, bottom 1' is laminated good bleeding		

5285  
 - 160  
 -----  
 5125 - FSL  
 160 FEL