

Company Gas & Oil Operations

Farm Wayne Roberts

Well No. 4

Sec. 11 T. 14 R. 22E.

Loc. SW $\frac{1}{4}$

County JOHNSON

Total Depth 726 $\frac{1}{2}$ '

Comm. Sept. 21, 1961 Comp. Sept. 29, 1961

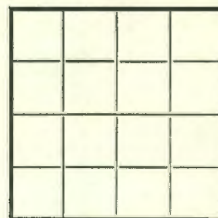
Shot or Treated

Contractor Gas & Oil Operations

Issued

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 Well

Figures Indicate Bottom of Formation

Soil	5	
Clay	8	
Lime	30	
Shale, dark	42	
Lime	50	
Shale	62	
Lime	75	
Shale	98	
Lime	118	
Shale	125	
Lime	140	
Shale	207	
Lime	215	
Shale	235	
Lime	252	
Shale	283	
Lime	285	
Shale	291	
Lime	321	
Shale	328	
Lime	351	
Shale	354	
Lime	357	
Shale	366	
Lime	374	Bottom of Hertha
Shale	546	
Lime	550	
Shale	569	
Lime	571	
Shale	578	
Sandy Lime	594	
Dark Shale	601	Light concentration of Gas
Lime	607	
Shale	613	
Red Bed	617	
Shale	636	
Lime	640	
Shale	645	
Lime	648	
Shale	663	
Sandy Shale	670	
Light Shale	701	
Black Shale		
Dark Shale	716 $\frac{1}{2}$	S.L.M. 717 $\frac{1}{2}$
Sand	726 $\frac{1}{2}$	Oil good

TOTAL DEPTH 726 $\frac{1}{2}$ ft.