

Plotted *D. J. ...*
 28 - 15 - 23E ✓

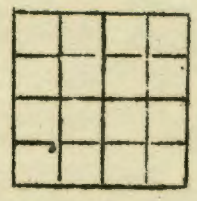
Company
 Farm Lucas No. 1

Sec. 28 T. 15 R. 23
 Loc. SW 1/4 W of Hillsdale

Total Depth 753'
 Comm. Comp.

County Miami

Shot or Treated
 Contractor G C Staves
 Issued



Casing
 20 in. 10 in.
 15 1-2 8 1-4 plug 558'
 12 1-2 6 5-8 513' plug 613'
 13 3-8 5 3-16

Elevation 923
 Production

Figures Indicate Bottom of Formation

sur bl mud	25	lime	481	Base Ft. Scott
gravel	32	red rock	493	
mud	40	lt. shale	497	
lime	60	blk shale	500	
shale	103	wt. shale	537	
lime	110	lt. shale	555	
shale lme shells	170	lime	558	
bl shale gas	172	dk shale	588	
lime	182	br. sand	592	no oil Squinned
bl shale gas	187	dk shale	610	
lime	205	lime	613	
bl shale	207	dk shale	616	
lime Base K.C.	230	lime	618	
l. shale	333	shale white	645	
d. shale	348	dk shale	654	
lime	350	lime	657	
w. shale	360	white shale	665	
lt. sand	370	dark shale	670	
shale ashey	383	light shale	682	
dk. shale	393	dark shale	705	
lt. shale	403	light shale	710	
lime	415	dark shale	725	
lt. shale	425	sandy lime	732	
lime	430	sandy shale	740	
lt. shale	435	dark shale	745	
lime	440	blue shale	753	
lt shale	450			
lime	458			
blk shale	461			