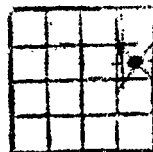


RUF & SONS
Younghans No. 1.

SEC. 3 T. 11 R. 24E
CSE NE
(short section)

Total Depth. 735=738 SLM
Comm. 11-18-36 Comp. 11-29-36
Shot or Treated.
Contractor.
Issued. 5-6-39

County. Wyandotte



CASING:
61/4" 470 1/2'
47/8" 652'

Elevation.

Production. 131,000 Gas

Figures Indicate Bottom of Formations.

soil & clay	25	shale, no wtr inside	
lime bldrs	28	of casing when drill-	
lime Iola	49	ing top Squirrel	
shale blue RIM at 85	83	sand	504
lime	88	lime	505
shale	89	shale	516
lime	90	sa lime	519
shale	91	sand 76,080 G.	530
lime	93	sand, no inc	535
shale grey	106	sh oil 550 wtr 555	
lime	117	sand	600
shale dk	122	65,000 Gas at 595	
lime	134	shale	608
shale	149	lime	612
lime	151	shale	616
shale	153	lime	621
lime	156	shale grey & green	
shale	160	muddy	640
lime Winterset, little		46,000 Gas at 645	
gas in brks	187	some coal 640-45	
shale dk & blk	191	shale	654
lime	211	shale green & red bed	660
shale, some blk	214	lime	668
lime	216	shale muddy	728
shale & lime ribs	219	sand 62,160 Gas	730
RIM 220		sand 130,320 Gas	733
lime Hertha	231	sand 131,000 Gas	735
sweet wtr in lime		735 equals 738 by LM	
shale	300	Total Depth	738
btm sand, little wtr in			
gas 33,600 cu ft, 3 BW			
each run in hole		Well making wtr 5-1-37	
sand	319		
shale muddy	351		
red bed	352		
shale	356		
lime, making about 80			
gals salt wtr per hr	358		
shale	362		
lime 28,992 G. at 385	364		
shale	387		
sa lime	390		
shale 28,000 G. at 400	397		
sand & shale strks	405		
gas at 401, no inc			
37,000 Gas at 405			
slight sh oil 405			
sand 37,000 G.	410		
sand, oil show-65,000G.	415		
shale	429		
49,800 G. at top of Peru			
lime Peru cap	433		
sand Peru-65,000G.	445		
shale 53,280G.	455		
lime Lex. cap	460		
shale dk	462		
sand 70,000G.	468		
shale & sand seams	475		
shale	488		
lime	490		