

Company Ruf Drilling Co.

Sec. 25 T. 10 R. 23 E
Loc. 1340' S of NL, 1140' E of WL
(NE SW NW)

Plotted

Farm C. H. Brunker

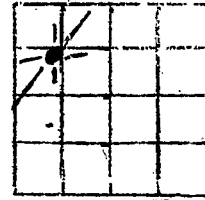
No. 4

25-10-23E

Total Depth 627
Comm.
Shot or Treated
Contractor
Issued

Comp. 5/7/31

County Wyandotte



Elevation 959

Production 1,400,000 cu. ft. gas

Casing

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

Figures Indicate Bottom of Formation

soil & clay sandy	19	shale	357
lime	35	sand Some Gas	360
shale	40	shale	434 SIM 406
lime	44	sand Little Gas	443
shale	64	red bed	450
lime	76	sand Little Gas	454
shale	77	shale	473
lime	79	lime	475
shale sandy	91	sand	478
shale	104	shale	488
lime	112	sand Good gas show	492
shale	117	shale	495
lime	124	lime	500
shale	126	slate black Gas	503
lime	129	lime	504
shale	148	shale	505
lime	180	lime	507
shale	187	shale	515
lime	192	lime	517
shale	194	lime sandy	521
lime	195	sand Gas	528
shale	206	shale	540
lime	218	sand	542
shale	222	lime <i>Low</i>	548
lime	236	shale Water, Gas	549
shale	251	shale	552
lime	253	lime	555
shale	254	shale	565 SIM 563
lime	260	lime	568
shale	265	shale black	570
lime	271	shale	575
shale	275	lime	577
lime Gas at 280	294	shale	580
slate black	295	lime	585
shale	301	slate black	588
lime	318	shale white	595
shale	319	sand	627
lime	321		
slate black (gas show)	324		
lime	339 (Hertha)		T.D.
shale	341		
red bed	346		

Plotted Log