

Company

Sec. 12 T. 11 R. 22E

Loc. SW NE NE

Farm Roberts

No 2

Total Depth

County Leavenworth

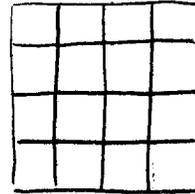
Comm.

Comp.

Shot or Treated

Contractor

Issued



Run by Kaiser

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

Figures Indicate Bottom of Formation

0-5	highly weathered gray shale
5-10	highly calcareous shale, almost marly lime
10-15	dense white weathered limestone
15-20	" " " " fossils
20-25	white to brown dense lime, trace red shale
25-27	same lime as above
27-30	blk shale calcareous
30-35	dk gray shale, trace black shale calcareous
35-40	dk gray calcareous shale
40-45	calcareous gray shale, hard
45-50	calcareous gray shale hd
50-55	calcareous laminated gray shale
55-60	highly calcareous hd gray shale, trace lime
60-65	dense white lime
65-67	" " "
67-70	highly shaly lime
70-75	gray calcareous shale lumpy
75-80	" " " "
80-85	" " " "
85-90	" " " , platy & mica
90-95	" " " lumpy
95-100	dense white lime
100-102 1/2	" " "
102 1/2-105	gray lumpy shale
105-110	gray lumpy calcareous shale
110-115	skip
115-120	dense to finely xl. lime gray
120-125	gray calcareous mica shale
125-130	same
130-135	same
135-140	gray calcareous platy shale
140-145	dense white lime
145-150	" " "
150-155	" " " , complete functospirifer
155-160	" " "
160-165	" " "
165-170	" " "
170-175	" " " , lots of pure calcite, trace shale
175-180	" " " , " " " " " " "

Roberts

2 (Cont.)

180-82 $\frac{1}{2}$	lime
182 $\frac{1}{2}$ -85	gray shale; complete <u>Hustedia</u>
185-90	gray shale; some lime (cavings?)
190-95	10% blk shale
	40% brown lime; 50% gray shale
195-200	lumpy gray shale, some limonite
200-05	90% lime, $\frac{1}{2}$ brown & $\frac{1}{2}$ white;
	10% blk shale
205-10	dense white lime, trace blk shale
210-15	blk slaty shale
215-20	dense white lime
220-25	" " "
225-30	gray slaty shale, calcareous
230-35	" " " "
235-40	" " " "
240-45	" " " "
245-49	gray lumps shale
249-50	brown poor lime
250-51	brown poor lime
251-55	very dk gray shale
255-60	medium to dk gray dense lime
260-65	dense oolitic fossils; med. gray lime
265-70	dense gray lime, trace limonite and shale
270-75	90% oolitic gray lime
	10% platy gray shale
275-78	blk platy shale
278-80	lite brown dense lime
280-83	lgt to dk brown lime
283-85	blk shale
285-86	blk shale
286-90	lt to dk brown lime
290-95	dense lgt gray lime
295-300	" " " "
300-05	finely xl. lgt gray lime
305-10	" " " " " fossils
310-12 $\frac{1}{2}$	lgt to dk brown dense lime
312 $\frac{1}{2}$ -15	blk shale
315-20	lgt brown dense lime
320-22	lime
322-25	gray shale
325-30	calcareous gray shale
330-35	" " "
335-40	" " "
340-45	" " "

Roberts

2 (Cont.)

345-50 blk shale
 350-55 50% dense to finely xl. dolomitic lime
 50% gray sdy micaceous shale
 355-60 30% dense to finely xl. dolomitic lime
 70% gray sdy micaceous shale
 360-65 20% dolomitic lime
 80% gray sdy micaceous shale limonite
 365-70 20% dolomitic lime
 80% gray lumpy shale
 370-75 gray lumpy shale limonite
 375-80 " " " " "
 380-85 " " " " , trace lime
 385-90 " " " " " "
 390-95 " " " " " "
 395-400 " " " " " "
 400-05 " " " " " "
 405-10 " " " " " "
 410-15 platy gray shale
 415-20 lumpy gray shale, limonite
 420-25 well-cemented, fine-grained sandstone; trace dense lime
 425-30 " " " " ; " "
 430-35 gray shale; trace lime
 435-40 90% finely xl. lime
 10% greenish-gray shale
 440-45 red, platy shale
 445-50 60% red shale
 40% greenish-gray shale
 450-55 40% dense lime
 60% gray shale
 455-60 gray platy shale
 460-65 gray shale with 20% lime; limonite
 465-70 " " " " " "
 470-75 50% fine-grained, well-cemented sand
 10% shale; 40% lime
 475-80 gray finely xl. lime; some shale
 480-85 gray shale
 485-90 fine-grained sandstone

Roberts No. 2
Leavenworth County, Kansas
Elevation 948' 951 Kaiser

NE
SE ~~NW~~ NE sec. 12, T. 11 S., R. 22 E.

212,000 gal

15	Soil and clay	15
10	lime	25
5	shale & sand, black	30
3	lime	33
23	shale	56
16	lime	72
8	shale	80
5	broken lime	85
10	sandy shale	95
9	lime	104
3	shale	107
13	lime, broken	120
21	shale	141
40	lime	181
3	shale	184
4	lime	188
3	shale	191
3	lime	194
3	shale dark	197
6	green shale	203
11	lime	214
3	dark shale	217
13	lime	233
14	shale	247
3	lime	250
3	shale	253
2	lime	255
2	shale	257
27	lime	279
7	shale dark	Water 286
19	lime	305
3	dark shale	308
3	lime	311
5	shale	316
8	lime	324
6	green shale	330
20	gray shale	350
10	sand and lime	360
60	shale	420
10	sand lime	Water - Gas 430
13	green shale, lime B	443
2	red rock	445
7	gray shale	452
10	hard lime	462
17	gray shale	479
2	lime	481
3	gray shale	484
4	sand	488

Gas 212,000 cu. ft.

212,000
135 lbs

6 1/4 casing 402'
4-7/8 casing 469'

Top of first gas 484.
increased to 488

Kenneth C. ...
R. C. ...
Director