

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Leavenworth - Kans.

COMPANY OR OWNER J T Buckley et al

FARM Hutcher WELL NO.

LOCATION NW 3/4 Sec 4 SEC. 11 T. 12 R. 21

CONTRACTOR J. D. Judd & Son

DRILLER A. Stinson H. Pierce TOOL DR. Tom Rogers Kenneth Porter

COMMENCED 7-25-40 COMPLETED 8-7-40

PRODUCTION 50000 PLOTTED

CASING RECORD Drum pipe 21-6/4
585 4 7/8 pulled

WATER RECORD

SOURCE OF LOG Drillers original

REMARKS

ELEV.

TOTAL DEPTH

CHEM. ANAL. NO.

FORMATION	THICKNESS	FORMATION	THICKNESS	DEPTH
Soil black	3	Shale gray	3	141
Clay sand	12	Lum	5	146
Shelly lum	8	Shale	5	149
Shale blue	2	Lum	30	179
Lum	16	Shale	1	180
Shale dark	5	Lum	3	183
Lum	6	Shale	13	186
Shale	3	Lum	4	200
Shale sandy	6	Shale dark	4	204
Sand hard	1	Lum	2	206
Shale gray	7	Shale	9	215
Lum	17	Lum hard	15	230
Shale	2	Shale gray	16	246
Sand	8	Lum	18	264
Lum	2	Shale	2	266
Shale gray	9	Lum	1	267
Lum	19	Shale	1	268
Shale gray	1	Lum	10	278
Lum	11	Shale	3	281

Salt water
210 215
water stands
190 ft

water
stands
165 ft
from
surface

NW 4 SW 4
11-12-21E

Linn	20	301	
Shale black	2	303	Little gas
Shale dark	3	306	
Linn	23	329	
Shale black	2	331	
Linn	4	333	
Shale gray	7	340	
Linn	8	348	
Shale black	2	350	
Shale gray	6	356	
Shale sand	24	380	SLM 363 1/2
Shale gray	26	406	
Linn gray	3	409	
Shale gray	116	515	
Linn gray	4	519	
Shale	14	533	
Linn	4	537	
Shale	16	553	
Linn	3	556	
Shale black	5	561	
Linn	11	572	
Shale light	5	577	
Reddish red	4	581	
Shale dark	11	592	
Shale light	8	600	
Linn - crevice shale	5	605	
Shale light sandy	15	620	SLM 620
Sand & shale	24 1/2	622 1/2	gas
Sand	30 1/2	653	

For show and @ 61 9