

SE NW 34-19-8W

Plotted: L. R. *33.3*

WELL RECORD  
MARVIN LEE, GEOLOGIST, Wichita, Kansas

CASING RECORD

	10"
	8 1-4"
20"	6 5-8"
15 1-2"	5 3-16
12 1-2	

SEC. ~~8~~ T. ~~20~~ R. ~~4~~

FARM Salt Mine Shaft at Lyons

COUNTY Rice STATE Kansas

COMPANY CSE/SE 1/4 NW 1/4 34-19-8

CONTRACTOR Hand dug

COMMENCED COMPLETED


ALTITUDE

PRODUCTION

GEOLOGICAL FORMATION AT SURFACE

REMARKS Made from walls of a dug well 18" in diameter

soil & dry loam	30	shale	995
sandy loam & water	45	salt light & shale	1005
sand rock	55	salt light gray	1025
clay	67	shale	1025.5
blue clay	80	salt light gray	1025.5
shale	110	shale	1029
gray shale & water	120	salt dark	1061
red shale & water	135	shale & salt mixed	1065
red shale	251	dark salt with crystals	1055
red shale	275	shale	1063
soft lime rock water	275	salt light gray	1064.5
gypsum & lime rock	284	shale	1066.5
shale blue	288	salt light gray	1069
red & blue shale	292	shells & dark shale	1069
shale mixed with gypsum	330	shale dark gray	1083.5
shale dark gray	340		
shale reddish gray	375		
shale dark gray	733		
light gray salt rock	735		
dark gray salt rock	735.5		
salt rock light gray	736		
salt dark gray	802		
salt rock light gray	806		
salt rock reddish gray			
shale gray	814		
salt rock dark gray	825		
gray shale & salt mixed	828		
shale gray	832		
salt rock light gray	841		
rock salt & shale	842		
light gray salt rock	851		
shale gray	852		
salt rock light gray	861		
shale	862		
salt rock light gray	863		
salt rock & shale mixed	871		
salt dark & shale	879		
crystal salt	883		
shale & salt	890		
dark salt & shale	893		
dark slate and shale	909		
salt dark red	915		
shale salt & rock	925		
dark salt with crystals	942		
rock salt & shale	961		
dark salt & shale	962		
Crystal salt	964		
shale	965		
salt light gray	994.5		

From W.E. Ainsworth  
Wichita, Kansas

## Lyons Rock Salt

Platel

84-19-9W

Strata	Thickness	Depth
soil & sandy loam	30	30
sandy loam water	15	45
sand rock	10	55
clays	12	67
blue clay	13	80
black shale	30	110
grey sand rock water	10	120
red sand rock	78	198
red sand shale	56	254
red clay	18	272
soft lime rock water	3	275
gypsum & lime rock	9	284
blue shale	4	288
red shale & blue	292	580
shale mixed with gypsum		580
dark grey shale	60	640
reddish grey shale	30	670
dark grey shale	125	795
light grey salt rock	2	795
dark grey salt rock	1	795 $\frac{1}{2}$
light grey salt rock	7 8"	797
light grey salt rock	1	798
dark grey salt rock	4	802
light grey salt rock	3	805
reddish grey salt rock	$\frac{1}{2}$	
grey shale	8	814
dark grey salt rock	8 $\frac{1}{2}$	823
dark grey salt rock	2	825
grey shale & salt mixed	3	828
grey shale	4	832
light grey salt rock	9	841
rock salt & shale	1 $\frac{1}{2}$	842
light grey salt rock	8 $\frac{1}{2}$	851
grey shale	1 $\frac{1}{2}$	852
light grey salt rock	8 $\frac{1}{2}$	861
shale	1	862
light grey salt rock	6 $\frac{1}{2}$	868
shale & salt rock mixed	2 $\frac{1}{2}$	871
dark salt & shale	8 $\frac{1}{2}$	879
crystal salt	4	883
shale and salt	7	890
dark salt and shale	2 $\frac{1}{2}$	893
dark salt & shale	16	909
dark red salt	6	915
shale salt & rock	10	925
dark salt with crystals	7	942
rock salt & shale	19	961
dark salt and shale	21	982
crystal salt	2	984
shale	1	985
light grey salt	9 $\frac{1}{2}$	994 $\frac{1}{2}$
shale	$\frac{1}{2}$	995
light grey salt shale	10	1005
light grey salt	18	1023
shale	$\frac{1}{2}$	1023 $\frac{1}{2}$
light grey salt	3	1026 $\frac{1}{2}$
shale	2 $\frac{1}{2}$	1029
dark salt	12	1041
shale & salt mixed	4	1045
dark salt with crystals	8	1053
shale	10	1063
light grey salt	1 $\frac{1}{2}$	1064 $\frac{1}{2}$
shale	2	1066 $\frac{1}{2}$
light grey salt	1 $\frac{1}{2}$	1068
shells & dark shale	1	1069
dark grey shale	14 $\frac{1}{2}$	1083 $\frac{1}{2}$