

11-14-24E

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Johnson - Kans

LOG NUMBER

COMPANY OR OWNER J. C. AllenFARM DoWELL NO. 1

LOCATION

SEC. 7 T 14 R 24CONTRACTOR J. D. Judd & Son

DRILLER

TOOL DR

COMMENCED 4-27-36COMPLETED 5-2-36

PRODUCTION

PLOTTED

CASING RECORD

WATER RECORD

SOURCE OF LOG Nester JuddREMARKS 1 M. S. - 3 M. W. of
Stanley Kans

ELEV. _____

TOTAL DEPTH _____

CHEM. ANAL. NO. _____

FORMATION

THICK: DEPTH:

FORMATION

THICK: DEPTH

Soil black soft

0 : 4

clay yellow soft

4 : 36

shale gray soft

36 : 41

lime gray hard

41 : 76

shale gray soft

76 : 83

lime " hard

83 : 90

shale " soft

90 : 94

sand " med hard

94 : 97

shale " soft

97 : 103

Red bed red "

103 : 112

shale gray "

112 : 117

lime " hard

117 : 122

shale " soft

122 : 126

lime " hard

126 : 131

shale " soft

131 : 166

lime " hard

166 : 168

shale " soft

168 : 180

lime " hard

180 : 206

shale " soft

206 : 207

slate black soft

207 : 209

shale dark "

209 : 212

lime gray hard

212 : 232

shale " soft

232 : 233

slate black "

233 : 235

lime gray hard

- : -

water at 41' 45 gal. in 14 hrs.

water at 207' - very light

water at 233-235 - Salty

Hole plugged from 70' to 85' and 7" 20 gauge galvanized casing installed. Perforated from 60' - 70' outside of casing gravel packed to prevent shale from caving.

Plotted By J Miller

15-14-24E

Company J. C. Allen

Sec. ¹⁵~~11~~ T. 14 R. 24
Loc. 1 Mi. S 3 Mi. W. of Stanley, Kansas

Farm "

No. 1

Total Depth 235'

Comm. 4-27-36

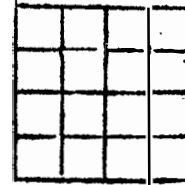
Comp. 5-2-36

Shot or Treated

Contractor J. D. Judd & Son

Issued

County Johnson



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 D & A

Figures Indicate Bottom of Formation

Soil black soft	4'
Clay yellow soft	36
Shale gray soft	41 water at 41' 45 gal. in 14 hrs.
Lime gray hard (Iola)	76
Shale gray soft	83
Lime gray hard	90
Shale gray soft	94
Sand gray med. hard	97
Shale gray soft	103
Red bed soft-	112
Shale gray soft	117
Lime gray hard	122
Shale gray soft-	126
Lime gray hard	131
Shale gray soft	166
Lime gray hard	168
Shale gray soft	180
Lime gray hard	206
Shale gray soft	207
Slate black soft	209 water at 207' - very light
Shale dark soft	212
Lime gray hard	232
Shale gray soft	233
Slate black soft	235 water at 233-235 - salty
Lime gray hard -	

Hole plugged from 70 to 85' and 7" 209 galvanized casing installed. Perforated from 60 to 70' outside of casing gravel packed to prevent shale from caving.