

23-37-36<sup>pa3</sup> Sample 8 drills log of test hole \_\_\_\_\_ augered drilled  
(Well No.)

by KSGS for USGS  
in 400 NE of irrigation well in NE of NW of  
SEC 36 + 23 S R 37 W (Location)

10-9-63; depth to water, \_\_\_\_\_ feet;  
(Date)

altitude of land surface \_\_\_\_\_ feet.  $\frac{259}{238} = 21$   
3264

	Thickness, feet	Depth, feet
Top soil Sandy	2	2
Sand, silty, limy	3	5
Silt sandy some coarse sand and very fine gravel	10	15
Caliche very sandy, some silt or clay streaks	6	21
Caliche with streaks of buff brown silt and a few gravel streaks	9	30
Gravel fine to medium and fine to coarse sand, silt and Caliche formation is somewhat cemented	10	40
Sand, fine to coarse and fine to medium gravel, loose, contains		

23-37-36

(Well No.) Sample \_\_\_\_\_ log of test hole \_\_\_\_\_ augered drilled

in \_\_\_\_\_ (Location) \_\_\_\_\_

(Date) \_\_\_\_\_; depth to water, \_\_\_\_\_ feet;  
altitude of land surface \_\_\_\_\_ feet.

Thickness, feet      Depth, feet

A fair amount of dark material      9      49

Same as above except  
slightly finer, somewhat  
cemented and lighter in color      15      64

Clay hard with layers of  
cemented sand and gravel  
and caliche      9      73

Clay, fine tan, with some  
caliche      3      76

Clay brown      11      87

Sand, fine to coarse      2      89

Sand fine to coarse cemented      11      100

Sand fine to coarse, cemented contents

23-37-36a3

(Well No.) Sample \_\_\_\_\_ log of test hole \_\_\_\_\_ augered drilled

in \_\_\_\_\_ (Location)

\_\_\_\_\_; depth to water, \_\_\_\_\_ feet;  
(Date)

altitude of land surface \_\_\_\_\_ feet.

	Thickness, feet	Depth, feet
Clay and caliche streaks	14	114
Clay hard tan	4	118
Clay, sandy, limy part tan with some caliche and sand streaks	17	135
Sand, fine to coarse, and fine gravel; slightly cemented	12	148
Caliche sandy and sandy clay	6	154
Sand, fine to medium, cemented	6	160
sand, fine to coarse, and fine to medium gravel; slightly cemented	10	170
Same as above except uncemented	12	182
Clay, stickier brown to gray	9	191

23-37-36 pas

(Well No.) Sample \_\_\_\_\_ log of test hole \_\_\_\_\_ augered drilled

in \_\_\_\_\_ (Location)

(Date) \_\_\_\_\_; depth to water, \_\_\_\_\_ feet;  
altitude of land surface \_\_\_\_\_ feet.

Thickness, feet      Depth, feet

Sand, fine to coarse and  
fine to coarse gravel; loose      20      211

Clay, sandy tan      12      223

Sand fine to coarse and gravel;  
somewhat cecated; contains a  
few clay and caliche layers      7      230

Sand fine to coarse and gravel;  
slightly cemented      18      248

14  
35  
87

clay tan, sandy      11      259

sand fine to coarse and  
fine to coarse gravel; dark  
grains abundant; loose      35      294

2970

clay dark yellow to gray some  
reddish clay      9      303

23-37-36ba3

(Well No.) Sample \_\_\_\_\_ log of test hole \_\_\_\_\_ augered drilled

in \_\_\_\_\_ (Location)

\_\_\_\_\_; depth to water, \_\_\_\_\_ feet;  
(Date)

altitude of land surface \_\_\_\_\_ feet.

Thickness,  
feet

Depth,  
feet

Iron stone dark brown hard  
brittle

306

Sandstone, fine to medium,  
light gray

14 320+

903

25  
37  
62